

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 14:47:11 ; Search time 0.001 Seconds  
(without alignments)  
183.834 Million cell updates/sec

Title: us-10-088-666-21

Perfect score: 21

Sequence: 1 ccaagtcacaacgtagttgt 21

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 356 seqs, 4377 residues

Total number of hits satisfying chosen parameters: 712

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 371 summaries

Database : 2lpubdb.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	12.4	59.0	14	1	US-09-947-209A-20
2	12.4	59.0	14	1	US-09-947-209A-20
3	12.4	59.0	14	1	US-10-099-379-20
4	12.4	59.0	14	1	US-10-099-379-20
5	12.4	59.0	14	1	US-10-402-100-20
6	12.4	59.0	14	1	US-10-402-100-20
7	11.4	54.3	13	1	US-10-257-017B-70445
8	11.4	54.3	13	1	US-10-257-017B-70446
9	11.4	54.3	13	1	US-10-257-017B-216031
10	11.4	54.3	13	1	US-10-257-017B-216032
11	11.2	53.3	16	1	US-10-043-875-402
12	10.6	50.5	15	1	US-10-418-182-215
13	10.6	50.5	15	1	US-10-418-182-409
14	10.4	49.5	12	1	US-09-947-209A-19
15	10.4	49.5	12	1	US-10-099-379-19
16	10.4	49.5	12	1	US-10-099-379-19
17	10.4	49.5	12	1	US-10-402-100-19
18	10.4	49.5	12	1	US-10-402-100-19
19	10.4	49.5	12	1	US-10-257-017B-319512
20	10.4	49.5	12	1	US-10-257-017B-31109
21	10.4	49.5	12	1	US-10-257-017B-31109
22	10.4	49.5	12	1	US-10-257-017B-381649
23	10.4	49.5	13	1	US-10-257-017B-63653
24	10.4	49.5	13	1	US-10-257-017B-63654
25	10.4	49.5	13	1	US-10-257-017B-130297
26	10.4	49.5	13	1	US-10-257-017B-130298
27	10.4	49.5	13	1	US-10-257-017B-137273
28	10.4	49.5	13	1	US-10-257-017B-137274
29	10.4	49.5	13	1	US-10-257-017B-162061
30	10.4	49.5	13	1	US-10-257-017B-162062
31	10.4	49.5	13	1	US-10-257-017B-184953
32	10.4	49.5	13	1	US-10-257-017B-184954
33	10.4	49.5	13	1	US-10-257-017B-220049

Sequence 220050,	13	1	US-10-257-017B-220050	10.4	49.5
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Sequence 350516,	12	1	US-10-257-017B-350516	36	10
Sequence 375560,	12	1	US-10-257-017B-375560	37	10
Sequence 381442,	12	1	US-10-257-017B-381442	38	10
Sequence 8889, Ap	13	1	US-10-257-017B-8889	39	10
Sequence 8890, Ap	13	1	US-10-257-017B-8890	40	10
Sequence 28399, A	13	1	US-10-257-017B-28399	41	10
Sequence 28400, A	13	1	US-10-257-017B-28400	42	10
Sequence 32077, A	13	1	US-10-257-017B-32077	43	10
Sequence 32078, A	13	1	US-10-257-017B-32078	44	10
Sequence 54443, A	13	1	US-10-257-017B-54443	45	10
Sequence 54444, A	13	1	US-10-257-017B-54444	46	10
Sequence 81647, A	13	1	US-10-257-017B-81647	47	10
Sequence 81648, A	13	1	US-10-257-017B-81648	48	10
Sequence 245265,	13	1	US-10-257-017B-245265	49	10
Sequence 245266,	13	1	US-10-257-017B-245266	50	10
Sequence 265557,	13	1	US-10-257-017B-265557	51	10
Sequence 265558,	13	1	US-10-257-017B-265558	52	10
Sequence 265559,	13	1	US-10-257-017B-265559	53	10
Sequence 265560,	13	1	US-10-257-017B-265560	54	10
Sequence 266429,	13	1	US-10-257-017B-266429	55	10
Sequence 266430,	13	1	US-10-257-017B-266430	56	10
Sequence 18161, A	13	1	US-10-257-017B-18161	57	9.8
Sequence 18162, A	13	1	US-10-257-017B-18162	58	9.8
Sequence 43101, A	13	1	US-10-257-017B-43101	59	9.8
Sequence 43102, A	13	1	US-10-257-017B-43102	60	9.8
Sequence 70443, A	13	1	US-10-257-017B-70443	61	9.8
Sequence 70444, A	13	1	US-10-257-017B-70444	62	9.8
Sequence 134155,	13	1	US-10-257-017B-134155	63	9.8
Sequence 134156,	13	1	US-10-257-017B-134156	64	9.8
Sequence 162055,	13	1	US-10-257-017B-162055	65	9.8
Sequence 162056,	13	1	US-10-257-017B-162056	66	9.8
Sequence 192139,	13	1	US-10-257-017B-192139	67	9.8
Sequence 192140,	13	1	US-10-257-017B-192140	68	9.8
Sequence 203133,	13	1	US-10-257-017B-203133	69	9.8
Sequence 203134,	13	1	US-10-257-017B-203134	70	9.8
Sequence 216029,	13	1	US-10-257-017B-216029	71	9.8
Sequence 216030,	13	1	US-10-257-017B-216030	72	9.8
Sequence 219445,	13	1	US-10-257-017B-219445	73	9.8
Sequence 219446,	13	1	US-10-257-017B-219446	74	9.8
Sequence 238063,	13	1	US-10-257-017B-238063	75	9.8
Sequence 238064,	13	1	US-10-257-017B-238064	76	9.8
Sequence 241357,	13	1	US-10-257-017B-241357	77	9.8
Sequence 241358,	13	1	US-10-257-017B-241358	78	9.8
Sequence 251273,	13	1	US-10-257-017B-251273	79	9.8
Sequence 251274,	13	1	US-10-257-017B-251274	80	9.8
Sequence 283325,	12	1	US-10-257-017B-283325	81	9.4
Sequence 283326,	12	1	US-10-257-017B-283326	82	9.4
Sequence 287344,	12	1	US-10-257-017B-287344	83	9.4
Sequence 297305,	12	1	US-10-257-017B-297305	84	9.4
Sequence 305839,	12	1	US-10-257-017B-305839	85	9.4
Sequence 305901,	12	1	US-10-257-017B-305901	86	9.4
Sequence 305983,	12	1	US-10-257-017B-305983	87	9.4
Sequence 318039,	12	1	US-10-257-017B-318039	88	9.4
Sequence 323851,	12	1	US-10-257-017B-323851	89	9.4
Sequence 326074,	12	1	US-10-257-017B-326074	90	9.4
Sequence 330611,	12	1	US-10-257-017B-330611	91	9.4
Sequence 333521,	12	1	US-10-257-017B-333521	92	9.4
Sequence 336192,	12	1	US-10-257-017B-336192	93	9.4
Sequence 336236,	12	1	US-10-257-017B-336236	94	9.4
Sequence 338632,	12	1	US-10-257-017B-338632	95	9.4
Sequence 339845,	12	1	US-10-257-017B-339845	96	9.4
Sequence 352336,	12	1	US-10-257-017B-352336	97	9.4
Sequence 354179,	12	1	US-10-257-017B-354179	98	9.4
Sequence 356925,	12	1	US-10-257-017B-356925	99	9.4
Sequence 361239,	12	1	US-10-257-017B-361239	100	9.4
Sequence 368332,	12	1	US-10-257-017B-368332	101	9.4
Sequence 372953,	12	1	US-10-257-017B-372953	102	9.4
Sequence 376508,	12	1	US-10-257-017B-376508	103	9.4
Sequence 378432,	12	1	US-10-257-017B-378432	104	9.4
Sequence 379924,	12	1	US-10-257-017B-379924	105	9.4
Sequence 380749,	12	1	US-10-257-017B-380749	106	9.4

c 107	9.4	44.8	13	1	US-10-257-017B-229	Sequence 229, App	180	8.8	41.9	12	1	US-09-841-157A-26	Sequence 26, Appl
c 108	9.4	44.8	13	1	US-10-257-017B-230	Sequence 230, App	c 181	8.8	41.9	12	1	US-10-257-017B-267569	Sequence 267569,
c 109	9.4	44.8	13	1	US-10-257-017B-1529	Sequence 1529, Ap	c 182	8.8	41.9	12	1	US-10-257-017B-269531	Sequence 269531,
c 110	9.4	44.8	13	1	US-10-257-017B-1530	Sequence 1530, Ap	c 183	8.8	41.9	12	1	US-10-257-017B-269992	Sequence 269992,
c 111	9.4	44.8	13	1	US-10-257-017B-11463	Sequence 11463, A	c 184	8.8	41.9	12	1	US-10-257-017B-271182	Sequence 271182,
c 112	9.4	44.8	13	1	US-10-257-017B-11464	Sequence 11464, A	c 185	8.8	41.9	12	1	US-10-257-017B-271295	Sequence 271295,
c 113	9.4	44.8	13	1	US-10-257-017B-11467	Sequence 11467, A	c 186	8.8	41.9	12	1	US-10-257-017B-277366	Sequence 277366,
c 114	9.4	44.8	13	1	US-10-257-017B-11468	Sequence 11468, A	c 187	8.8	41.9	12	1	US-10-257-017B-278740	Sequence 278740,
c 115	9.4	44.8	13	1	US-10-257-017B-12727	Sequence 12727, A	c 188	8.8	41.9	12	1	US-10-257-017B-285976	Sequence 285976,
c 116	9.4	44.8	13	1	US-10-257-017B-12728	Sequence 12728, A	c 189	8.8	41.9	12	1	US-10-257-017B-289658	Sequence 289658,
c 117	9.4	44.8	13	1	US-10-257-017B-12985	Sequence 12985, A	c 190	8.8	41.9	12	1	US-10-257-017B-292327	Sequence 292327,
c 118	9.4	44.8	13	1	US-10-257-017B-12985	Sequence 12985, A	c 191	8.8	41.9	12	1	US-10-257-017B-296063	Sequence 296063,
c 119	9.4	44.8	13	1	US-10-257-017B-12986	Sequence 12986, A	c 192	8.8	41.9	12	1	US-10-257-017B-301980	Sequence 301980,
c 120	9.4	44.8	13	1	US-10-257-017B-14525	Sequence 14525, A	c 193	8.8	41.9	12	1	US-10-257-017B-302561	Sequence 302561,
c 121	9.4	44.8	13	1	US-10-257-017B-14526	Sequence 14526, A	c 194	8.8	41.9	12	1	US-10-257-017B-303599	Sequence 303599,
c 122	9.4	44.8	13	1	US-10-257-017B-21217	Sequence 21217, A	c 195	8.8	41.9	12	1	US-10-257-017B-305230	Sequence 305230,
c 123	9.4	44.8	13	1	US-10-257-017B-21218	Sequence 21218, A	c 196	8.8	41.9	12	1	US-10-257-017B-305786	Sequence 305786,
c 124	9.4	44.8	13	1	US-10-257-017B-34189	Sequence 34189, A	c 197	8.8	41.9	12	1	US-10-257-017B-309138	Sequence 309138,
c 125	9.4	44.8	13	1	US-10-257-017B-34190	Sequence 34190, A	c 198	8.8	41.9	12	1	US-10-257-017B-313800	Sequence 313800,
c 126	9.4	44.8	13	1	US-10-257-017B-36297	Sequence 36297, A	c 199	8.8	41.9	12	1	US-10-257-017B-314871	Sequence 314871,
c 127	9.4	44.8	13	1	US-10-257-017B-36298	Sequence 36298, A	c 200	8.8	41.9	12	1	US-10-257-017B-315959	Sequence 315959,
c 128	9.4	44.8	13	1	US-10-257-017B-79019	Sequence 79019, A	c 201	8.8	41.9	12	1	US-10-257-017B-321063	Sequence 321063,
c 129	9.4	44.8	13	1	US-10-257-017B-79020	Sequence 79020, A	c 202	8.8	41.9	12	1	US-10-257-017B-323092	Sequence 323092,
c 130	9.4	44.8	13	1	US-10-257-017B-80865	Sequence 80865, A	c 203	8.8	41.9	12	1	US-10-257-017B-325470	Sequence 325470,
c 131	9.4	44.8	13	1	US-10-257-017B-80866	Sequence 80866, A	c 204	8.8	41.9	12	1	US-10-257-017B-325470	Sequence 325470,
c 132	9.4	44.8	13	1	US-10-257-017B-84687	Sequence 84687, A	c 205	8.8	41.9	12	1	US-10-257-017B-326692	Sequence 326692,
c 133	9.4	44.8	13	1	US-10-257-017B-84688	Sequence 84688, A	c 206	8.8	41.9	12	1	US-10-257-017B-329449	Sequence 329449,
c 134	9.4	44.8	13	1	US-10-257-017B-92279	Sequence 92279, A	c 207	8.8	41.9	12	1	US-10-257-017B-330616	Sequence 330616,
c 135	9.4	44.8	13	1	US-10-257-017B-92280	Sequence 92280, A	c 208	8.8	41.9	12	1	US-10-257-017B-331110	Sequence 331110,
c 136	9.4	44.8	13	1	US-10-257-017B-98697	Sequence 98697, A	c 209	8.8	41.9	12	1	US-10-257-017B-331665	Sequence 331665,
c 137	9.4	44.8	13	1	US-10-257-017B-98698	Sequence 98698, A	c 210	8.8	41.9	12	1	US-10-257-017B-332463	Sequence 332463,
c 138	9.4	44.8	13	1	US-10-257-017B-120795	Sequence 120795, A	c 211	8.8	41.9	12	1	US-10-257-017B-335244	Sequence 335244,
c 139	9.4	44.8	13	1	US-10-257-017B-120796	Sequence 120796, A	c 212	8.8	41.9	12	1	US-10-257-017B-340229	Sequence 340229,
c 140	9.4	44.8	13	1	US-10-257-017B-153753	Sequence 153753, A	c 213	8.8	41.9	12	1	US-10-257-017B-341801	Sequence 341801,
c 141	9.4	44.8	13	1	US-10-257-017B-153754	Sequence 153754, A	c 214	8.8	41.9	12	1	US-10-257-017B-348645	Sequence 348645,
c 142	9.4	44.8	13	1	US-10-257-017B-159413	Sequence 159413, A	c 215	8.8	41.9	12	1	US-10-257-017B-351641	Sequence 351641,
c 143	9.4	44.8	13	1	US-10-257-017B-159414	Sequence 159414, A	c 216	8.8	41.9	12	1	US-10-257-017B-355444	Sequence 355444,
c 144	9.4	44.8	13	1	US-10-257-017B-169711	Sequence 169711, A	c 217	8.8	41.9	12	1	US-10-257-017B-356175	Sequence 356175,
c 145	9.4	44.8	13	1	US-10-257-017B-169712	Sequence 169712, A	c 218	8.8	41.9	12	1	US-10-257-017B-357778	Sequence 357778,
c 146	9.4	44.8	13	1	US-10-257-017B-173661	Sequence 173661, A	c 219	8.8	41.9	12	1	US-10-257-017B-358183	Sequence 358183,
c 147	9.4	44.8	13	1	US-10-257-017B-173662	Sequence 173662, A	c 220	8.8	41.9	12	1	US-10-257-017B-360073	Sequence 360073,
c 148	9.4	44.8	13	1	US-10-257-017B-179421	Sequence 179421, A	c 221	8.8	41.9	12	1	US-10-257-017B-360971	Sequence 360971,
c 149	9.4	44.8	13	1	US-10-257-017B-179422	Sequence 179422, A	c 222	8.8	41.9	12	1	US-10-257-017B-362987	Sequence 362987,
c 150	9.4	44.8	13	1	US-10-257-017B-192993	Sequence 192993, A	c 223	8.8	41.9	12	1	US-10-257-017B-367530	Sequence 367530,
c 151	9.4	44.8	13	1	US-10-257-017B-192994	Sequence 192994, A	c 224	8.8	41.9	12	1	US-10-257-017B-370799	Sequence 370799,
c 152	9.4	44.8	13	1	US-10-257-017B-194757	Sequence 194757, A	c 225	8.8	41.9	12	1	US-10-257-017B-370871	Sequence 370871,
c 153	9.4	44.8	13	1	US-10-257-017B-194758	Sequence 194758, A	c 226	8.8	41.9	12	1	US-10-257-017B-371151	Sequence 371151,
c 154	9.4	44.8	13	1	US-10-257-017B-202665	Sequence 202665, A	c 227	8.8	41.9	12	1	US-10-257-017B-371151	Sequence 371151,
c 155	9.4	44.8	13	1	US-10-257-017B-202666	Sequence 202666, A	c 228	8.8	41.9	12	1	US-10-257-017B-375382	Sequence 375382,
c 156	9.4	44.8	13	1	US-10-257-017B-216713	Sequence 216713, A	c 229	8.4	40.0	10	1	US-09-884-901-14	Sequence 14, Appl
c 157	9.4	44.8	13	1	US-10-257-017B-216714	Sequence 216714, A	c 230	8.4	40.0	10	1	US-09-947-209A-18	Sequence 18, Appl
c 158	9.4	44.8	13	1	US-10-257-017B-222803	Sequence 222803, A	c 231	8.4	40.0	10	1	US-09-947-209A-18	Sequence 18, Appl
c 159	9.4	44.8	13	1	US-10-257-017B-222804	Sequence 222804, A	c 232	8.4	40.0	10	1	US-10-033-145-530	Sequence 530, App
c 160	9.4	44.8	13	1	US-10-257-017B-229927	Sequence 229927, A	c 233	8.4	40.0	10	1	US-10-033-145-1702	Sequence 1702, Ap
c 161	9	42.9	12	1	US-10-257-017B-229928	Sequence 229928, A	c 234	8.4	40.0	10	1	US-10-084-700-16	Sequence 16, Appl
c 162	9	42.9	12	1	US-10-257-017B-356925	Sequence 356925, A	c 235	8.4	40.0	10	1	US-10-099-379-18	Sequence 18, Appl
c 163	9	42.9	12	1	US-10-265-031-23	Sequence 23, Appl	c 236	8.4	40.0	10	1	US-10-099-379-18	Sequence 18, Appl
c 164	9	42.9	12	1	US-10-438-774-2	Sequence 2, Appl	c 237	8.4	40.0	10	1	US-10-330-627-549	Sequence 549, App
c 165	9	42.9	12	1	US-10-257-017B-272940	Sequence 272940, A	c 238	8.4	40.0	10	1	US-10-402-100-18	Sequence 18, Appl
c 166	9	42.9	12	1	US-10-257-017B-274246	Sequence 274246, A	c 239	8.4	40.0	10	1	US-10-402-100-18	Sequence 18, Appl
c 167	9	42.9	12	1	US-10-257-017B-287825	Sequence 287825, A	c 240	8.4	40.0	10	1	US-09-918-715-5	Sequence 5, Appl
c 168	9	42.9	12	1	US-10-257-017B-287995	Sequence 287995, A	c 241	8.4	40.0	11	1	US-09-249-155-37	Sequence 37, Appl
c 169	9	42.9	12	1	US-10-257-017B-297451	Sequence 297451, A	c 242	8.4	40.0	11	1	US-10-314-322-37	Sequence 37, Appl
c 170	9	42.9	12	1	US-10-257-017B-304611	Sequence 304611, A	c 243	8.4	40.0	11	1	US-10-314-322-37	Sequence 37, Appl
c 171	9	42.9	12	1	US-10-257-017B-307633	Sequence 307633, A	c 244	8.4	40.0	11	1	US-10-314-322-37	Sequence 37, Appl
c 172	9	42.9	12	1	US-10-257-017B-328619	Sequence 328619, A	c 245	8.4	40.0	11	1	US-10-450-797-783	Sequence 783, App
c 173	9	42.9	12	1	US-10-257-017B-330189	Sequence 330189, A	c 246	8.4	40.0	11	1	US-10-450-797-783	Sequence 783, App
c 174	9	42.9	12	1	US-10-257-017B-330191	Sequence 330191, A	c 247	8.4	40.0	11	1	US-10-474-794-5	Sequence 5, Appl
c 175	9	42.9	12	1	US-10-257-017B-347061	Sequence 347061, A	c 248	8.4	40.0	12	1	US-10-257-017B-381442	Sequence 381442,
c 176	9	42.9	12	1	US-10-257-017B-349819	Sequence 349819, A	c 249	8.4	40.0	12	1	US-10-209-676-18	Sequence 18, Appl
c 177	9	42.9	13	1	US-10-257-017B-351405	Sequence 351405, A	c 250	8.4	40.0	12	1	US-10-257-017B-271806	Sequence 271806,
c 178	9	42.9	13	1	US-10-257-017B-11463	Sequence 11463, A	c 251	8.4	40.0	12	1	US-10-257-017B-272297	Sequence 272297,
c 179	8.8	41.9	12	1	US-10-257-017B-11464	Sequence 11464, A	c 252	8.4	40.0	12	1	US-10-257-017B-272298	Sequence 272298,
					US-10-257-017B-347061	Sequence 347061, A						US-10-257-017B-274396	Sequence 274396,

C 253	8.4	40.0	12	1	US-10-257-017B-276006	Sequence 276006,	326	8.4	40.0	12	1	US-10-257-017B-338869	Sequence 338869,
C 254	8.4	40.0	12	1	US-10-257-017B-278117	Sequence 278117,	327	8.4	40.0	12	1	US-10-257-017B-339700	Sequence 339700,
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C 256	8.4	40.0	12	1	US-10-257-017B-278664	Sequence 278664,	C 329	8.4	40.0	12	1	US-10-257-017B-341433	Sequence 341433,
C 257	8.4	40.0	12	1	US-10-257-017B-279577	Sequence 279577,	C 330	8.4	40.0	12	1	US-10-257-017B-342068	Sequence 342068,
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C 284	8.4	40.0	12	1	US-10-257-017B-305811	Sequence 305811,	C 357	8.4	40.0	12	1	US-10-257-017B-371684	Sequence 371684,
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C 288	8.4	40.0	12	1	US-10-257-017B-307878	Sequence 307878,	C 361	8.4	40.0	12	1	US-10-257-017B-375348	Sequence 375348,
C 289	8.4	40.0	12	1	US-10-257-017B-308377	Sequence 308377,	C 362	8.4	40.0	12	1	US-10-257-017B-375385	Sequence 375385,
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C 291	8.4	40.0	12	1	US-10-257-017B-312239	Sequence 312239,	C 364	8.4	40.0	12	1	US-10-257-017B-375962	Sequence 375962,
C 292	8.4	40.0	12	1	US-10-257-017B-312850	Sequence 312850,	C 365	8.4	40.0	12	1	US-10-257-017B-375964	Sequence 375964,
C 293	8.4	40.0	12	1	US-10-257-017B-313509	Sequence 313509,	C 366	8.4	40.0	12	1	US-10-257-017B-376696	Sequence 376696,
C 294	8.4	40.0	12	1	US-10-257-017B-314034	Sequence 314034,	C 367	8.4	40.0	12	1	US-10-257-017B-380095	Sequence 380095,
C 295	8.4	40.0	12	1	US-10-257-017B-314181	Sequence 314181,	C 368	8.4	40.0	12	1	US-10-257-017B-380096	Sequence 380096,
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C 297	8.4	40.0	12	1	US-10-257-017B-318038	Sequence 318038,	C 370	8.4	40.0	12	1	US-10-257-017B-381441	Sequence 381441,
C 298	8.4	40.0	12	1	US-10-257-017B-320153	Sequence 320153,	C 371	8.4	40.0	12	1	US-10-257-017B-381588	Sequence 381588,
C 299	8.4	40.0	12	1	US-10-257-017B-320154	Sequence 320154,							
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C 302	8.4	40.0	12	1	US-10-257-017B-321868	Sequence 321868,							
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C 308	8.4	40.0	12	1	US-10-257-017B-324936	Sequence 324936,							
C 309	8.4	40.0	12	1	US-10-257-017B-324970	Sequence 324970,							
C 310	8.4	40.0	12	1	US-10-257-017B-325909	Sequence 325909,							
C 311	8.4	40.0	12	1	US-10-257-017B-326297	Sequence 326297,							
C 312	8.4	40.0	12	1	US-10-257-017B-326792	Sequence 326792,							
C 313	8.4	40.0	12	1	US-10-257-017B-327152	Sequence 327152,							
C 314	8.4	40.0	12	1	US-10-257-017B-327491	Sequence 327491,							
C 315	8.4	40.0	12	1	US-10-257-017B-328968	Sequence 328968,							
C 316	8.4	40.0	12	1	US-10-257-017B-329982	Sequence 329982,							
C 317	8.4	40.0	12	1	US-10-257-017B-330074	Sequence 330074,							
C 318	8.4	40.0	12	1	US-10-257-017B-331113	Sequence 331113,							
C 319	8.4	40.0	12	1	US-10-257-017B-331729	Sequence 331729,							
C 320	8.4	40.0	12	1	US-10-257-017B-332923	Sequence 332923,							
C 321	8.4	40.0	12	1	US-10-257-017B-333333	Sequence 333333,							
C 322	8.4	40.0	12	1	US-10-257-017B-333606	Sequence 333606,							
C 323	8.4	40.0	12	1	US-10-257-017B-334114	Sequence 334114,							
C 324	8.4	40.0	12	1	US-10-257-017B-334372	Sequence 334372,							
C 325	8.4	40.0	12	1	US-10-257-017B-336281	Sequence 336281,							

## ALIGNMENTS

RESULT 1  
US-09-947-209A-20  
; Sequence 20, Application US/09947209A

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GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 14:49:02 ; Search time 1 Seconds  
(without alignments) 0.223 Million cell up

**Title:** us-10-088-666-21

Perfect score: 21  
Sequence: 1 ccaagtcaacaacgtagttgt 21

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 0.5

Searched: 440 seqs, 5308 residues

Total number of hits satisfying chosen parameters: 880

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Minimum DB seq length: 0
Maximum DB seq length: 2000000000
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Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 468 summaries

Database : 21rnqdb:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query	Score	Match	Length	DB	ID	Description
1	C	21	100.0	21	1	AAF61586	Lactobacillus brev
2		13.4	63.8	18	1	ADQ16816	Immunomodulatory p
3		13.4	63.8	18	1	ADQ16816	Immunomodulatory p
4	C	13.4	63.8	18	1	ADQ16816	Immunomodulatory p
5		13.4	63.8	18	1	ADQ16815	Immunomodulatory p
6		12.8	61.0	17	1	ACN08302	WNV minus strand H
7	C	12.8	61.0	17	1	ACN02587	WNV Inozyme substr
8		12.8	61.0	17	1	ACN12825	WNV minus strand Z
9		12.4	59.0	14	1	AA777260	Immunostimulatory
10	C	12.4	59.0	14	1	AA777260	Immunostimulatory
11		12.2	58.1	17	1	AAF06062	Hammerhead ribozym
12		12.2	58.1	17	1	ACN05170	WNV DNazyme substr
13	C	11.4	54.3	13	1	ABH16054	Oligonucleotide SE
14		11.4	54.3	13	1	ABH70429	Oligonucleotide SE
15		11.4	54.3	13	1	ABH16055	Oligonucleotide SE
16	C	11.4	54.3	13	1	ABH70428	Oligonucleotide SE
17		11.2	53.3	16	1	AAQ04629	Hypervariable regi
18		11.2	53.3	16	1	AB234160	HIV-1 reverse tran
19	C	10.8	51.4	15	1	AAV48583	junB gene antisens
20		10.8	51.4	21	1	AAF61586	Lactobacillus brev
21		10.6	50.5	15	1	ADJ72502	Human GP120 antibo
22	C	10.4	49.5	12	1	AA777259	Immunostimulatory
23		10.4	49.5	12	1	AA777259	Immunostimulatory
24		10.4	49.5	12	1	AB119539	Oligonucleotide pr
25	C	10.4	49.5	12	1	AB181876	Oligonucleotide pr
26		10.4	49.5	12	1	AB131136	Oligonucleotide pr
27		10.4	49.5	13	1	ABE63636	Oligonucleotide SE
28	C	10.4	49.5	13	1	ABF30300	Oligonucleotide SE
29		10.4	49.5	13	1	ABF37276	Oligonucleotide SE
30		10.4	49.5	13	1	ABF37277	Oligonucleotide SE
31	C	10.4	49.5	13	1	ABF84957	Oligonucleotide SE
32		10.4	49.5	13	1	ABF30301	Oligonucleotide SE
33		10.4	49.5	13	1	ABH20072	Oligonucleotide SE



c 253	8.4	40.0	10	1	AAF34915	Yeast NORF gene SA	c 326	8.4	40.0	12	1	ABH93807	Oligonucleotide pr
254	8.4	40.0	10	1	AAF35263	Yeast NORF gene SA	327	8.4	40.0	12	1	ABI20180	Oligonucleotide pr
255	8.4	40.0	10	1	AAF37916	Yeast NORF gene SA	c 328	8.4	40.0	12	1	ABH96518	Oligonucleotide pr
256	8.4	40.0	10	1	AAF33760	Yeast NORF gene SA	329	8.4	40.0	12	1	ABH96565	Oligonucleotide pr
257	8.4	40.0	10	1	AAF38939	Yeast NORF gene SA	330	8.4	40.0	12	1	ABI22573	Oligonucleotide pr
258	8.4	40.0	10	1	AAF39089	Yeast NORF gene SA	331	8.4	40.0	12	1	ABI02741	Oligonucleotide pr
259	8.4	40.0	10	1	AAF391137	Yeast NORF gene SA	332	8.4	40.0	12	1	ABI05838	Oligonucleotide pr
260	8.4	40.0	10	1	AAF71014	HNF-4 hepatic nucl	333	8.4	40.0	12	1	ABI34141	Oligonucleotide pr
261	8.4	40.0	10	1	AA424663	Human BUB3 2.7 kb	334	8.4	40.0	12	1	ABH87109	Oligonucleotide pr
c 262	8.4	40.0	10	1	ABV84665	Human collagen typ	335	8.4	40.0	12	1	ABH66837	Oligonucleotide pr
263	8.4	40.0	10	1	ABV84620	Human death-associ	336	8.4	40.0	12	1	ABH72319	Oligonucleotide pr
c 264	8.4	40.0	10	1	ABV84786	Human thyroxin-bin	c 337	8.4	40.0	12	1	ABH99233	Oligonucleotide pr
265	8.4	40.0	10	1	ABV84353	Human death-associ	338	8.4	40.0	12	1	ABI26324	Oligonucleotide pr
c 266	8.4	40.0	10	1	AA43013	Human cerberus 1 (	339	8.4	40.0	12	1	ABI01473	Oligonucleotide pr
267	8.4	40.0	10	1	ABX15889	Human BUB3 gene in	340	8.4	40.0	12	1	ABI49345	Oligonucleotide pr
c 268	8.4	40.0	10	1	AD1113639	Extracellular tumo	341	8.4	40.0	12	1	ABH50542	Oligonucleotide pr
269	8.4	40.0	11	1	AA218956	Murine MRL SAGE ta	c 342	8.4	40.0	12	1	ABH52701	Oligonucleotide pr
270	8.4	40.0	11	1	AA218777	Murine C57BL/6 SAG	c 343	8.4	40.0	12	1	ABH75167	Oligonucleotide pr
271	8.4	40.0	11	1	ABQ87030	Human skin stress//	344	8.4	40.0	12	1	ABH66638	Oligonucleotide pr
272	8.4	40.0	11	1	ABQ87128	Human skin stress//	345	8.4	40.0	12	1	ABI21324	Oligonucleotide pr
273	8.4	40.0	11	1	ABV66872	Human skin EST 465	346	8.4	40.0	12	1	ABH27179	Oligonucleotide pr
c 274	8.4	40.0	11	1	ABV63742	Human skin EST 152	347	8.4	40.0	12	1	ABH20837	Oligonucleotide pr
c 275	8.4	40.0	11	1	ABV71163	Human skin EST 894	348	8.4	40.0	12	1	ABH80560	Oligonucleotide pr
276	8.4	40.0	11	1	ABV70985	Human skin EST 877	349	8.4	40.0	12	1	ABH82840	Oligonucleotide pr
277	8.4	40.0	11	1	ABV63564	Human skin EST 135	c 350	8.4	40.0	12	1	ABI48824	Oligonucleotide pr
c 278	8.4	40.0	11	1	ABV63684	Human skin EST 147	351	8.4	40.0	12	1	ABH53316	Oligonucleotide pr
c 279	8.4	40.0	11	1	ABV71105	Human skin EST 889	c 352	8.4	40.0	12	1	ABH75412	Oligonucleotide pr
c 280	8.4	40.0	11	1	ABV69517	Human skin EST 730	c 353	8.4	40.0	12	1	ABH93087	Oligonucleotide pr
c 281	8.4	40.0	11	1	ABH91907	Human Pan-Endothel	354	8.4	40.0	12	1	ABH98132	Oligonucleotide pr
c 282	8.4	40.0	11	1	ABK99331	Human CYP3A5 gene	c 355	8.4	40.0	12	1	ABI233273	Oligonucleotide pr
c 283	8.4	40.0	11	1	ABK71832	DNA tag used to id	c 356	8.4	40.0	12	1	ABH76013	Oligonucleotide pr
c 284	8.4	40.0	11	1	ADQ30298	Human VRI exon 1d	c 357	8.4	40.0	12	1	ABH26819	Oligonucleotide pr
285	8.4	40.0	11	1	ADQ35578	Human hair-bearing	c 358	8.4	40.0	12	1	ABH14061	Oligonucleotide pr
286	8.4	40.0	11	1	ADQ34387	Human hair-bearing	c 359	8.4	40.0	12	1	ABH45049	Oligonucleotide pr
287	8.4	40.0	11	1	ADQ34421	Human facial skin-	c 360	8.4	40.0	12	1	ABH75586	Oligonucleotide pr
c 288	8.4	40.0	11	1	ADQ33350	Human facial skin-	361	8.4	40.0	12	1	ABH81468	Oligonucleotide pr
c 289	8.4	40.0	12	1	ABH81469	Oligonucleotide pr	362	8.4	40.0	12	1	ABH72318	Oligonucleotide pr
c 290	8.4	40.0	12	1	AAZ98604	Analyte A nucleoti	363	8.4	40.0	12	1	ABH79585	Oligonucleotide pr
c 291	8.4	40.0	12	1	AAA53094	Mouse DNA adapter	364	8.4	40.0	12	1	ABH85879	Oligonucleotide pr
c 292	8.4	40.0	12	1	ABH130101	Oligonucleotide pr	365	8.4	40.0	12	1	ABH38896	Oligonucleotide pr
c 293	8.4	40.0	12	1	ABH06085	Oligonucleotide pr	366	8.4	40.0	12	1	ABH91829	Oligonucleotide pr
294	8.4	40.0	12	1	ABH81348	Oligonucleotide pr	c 367	8.4	40.0	12	1	ABH51207	Oligonucleotide pr
c 295	8.4	40.0	12	1	ABH81439	Oligonucleotide pr	c 368	8.4	40.0	12	1	ABI262312	Oligonucleotide pr
c 296	8.4	40.0	12	1	ABH08546	Oligonucleotide pr	369	8.4	40.0	12	1	ABH99889	Oligonucleotide pr
c 297	8.4	40.0	12	1	ABH139727	Oligonucleotide pr	370	8.4	40.0	12	1	ABH01886	Oligonucleotide pr
c 298	8.4	40.0	12	1	ABH175375	Oligonucleotide pr	c 371	8.4	40.0	12	1	ABH36308	Oligonucleotide pr
299	8.4	40.0	12	1	ABH75989	Oligonucleotide pr	c 372	8.4	40.0	12	1	ABH72890	Oligonucleotide pr
c 300	8.4	40.0	12	1	ABH62424	Oligonucleotide pr	373	8.4	40.0	12	1	ABH75991	Oligonucleotide pr
c 301	8.4	40.0	12	1	ABH97136	Oligonucleotide pr	374	8.4	40.0	12	1	ABI24963	Oligonucleotide pr
c 302	8.4	40.0	12	1	ABH23649	Oligonucleotide pr	c 375	8.4	40.0	12	1	ABH25936	Oligonucleotide pr
c 303	8.4	40.0	12	1	ABH78124	Oligonucleotide pr	c 376	8.4	40.0	12	1	ABH78671	Oligonucleotide pr
304	8.4	40.0	12	1	ABH28995	Oligonucleotide pr	377	8.4	40.0	12	1	ABH33360	Oligonucleotide pr
c 305	8.4	40.0	12	1	ABH130009	Oligonucleotide pr	c 378	8.4	40.0	12	1	ABH87928	Oligonucleotide pr
c 306	8.4	40.0	12	1	ABH13536	Oligonucleotide pr	c 379	8.4	40.0	12	1	ABH50135	Oligonucleotide pr
307	8.4	40.0	12	1	ABH49851	Oligonucleotide pr	c 380	8.4	40.0	12	1	ABI63701	Oligonucleotide pr
c 308	8.4	40.0	12	1	ABH64308	Oligonucleotide pr	381	8.4	40.0	12	1	ABI33633	Oligonucleotide pr
c 309	8.4	40.0	12	1	ABH65858	Oligonucleotide pr	382	8.4	40.0	12	1	ABH87004	Oligonucleotide pr
c 310	8.4	40.0	12	1	ABH80123	Oligonucleotide pr	383	8.4	40.0	12	1	ABH40595	Oligonucleotide pr
c 311	8.4	40.0	12	1	ABH21895	Oligonucleotide pr	384	8.4	40.0	12	1	ABH45238	Oligonucleotide pr
312	8.4	40.0	12	1	ABH24748	Oligonucleotide pr	c 385	8.4	40.0	12	1	ABH80122	Oligonucleotide pr
313	8.4	40.0	12	1	ABH06589	Oligonucleotide pr	386	8.4	40.0	12	1	ABH99464	Oligonucleotide pr
c 314	8.4	40.0	12	1	ABH32950	Oligonucleotide pr	c 387	8.4	40.0	12	1	ABH78255	Oligonucleotide pr
c 315	8.4	40.0	12	1	ABH42095	Oligonucleotide pr	c 388	8.4	40.0	12	1	ABH14208	Oligonucleotide pr
c 316	8.4	40.0	12	1	ABH67820	Oligonucleotide pr	c 389	8.4	40.0	12	1	ABH47813	Oligonucleotide pr
317	8.4	40.0	12	1	ABH81287	Oligonucleotide pr	c 390	8.4	40.0	12	1	ABH55081	Oligonucleotide pr
318	8.4	40.0	12	1	ABH20181	Oligonucleotide pr	c 391	8.4	40.0	12	1	ABH17960	Oligonucleotide pr
c 319	8.4	40.0	12	1	ABH71829	Oligonucleotide pr	c 392	8.4	40.0	12	1	ABI21686	Oligonucleotide pr
c 320	8.4	40.0	12	1	ABH23567	Oligonucleotide pr	c 393	8.4	40.0	12	1	ABH24997	Oligonucleotide pr
c 321	8.4	40.0	12	1	ABH27518	Oligonucleotide pr	c 394	8.4	40.0	12	1	ABH07506	Oligonucleotide pr
c 322	8.4	40.0	12	1	ABH107905	Oligonucleotide pr	c 395	8.4	40.0	12	1	ABH83359	Oligonucleotide pr
323	8.4	40.0	12	1	ABH08404	Oligonucleotide pr	c 396	8.4	40.0	12	1	ABH12877	Oligonucleotide pr
c 324	8.4	40.0	12	1	ABH55039	Oligonucleotide pr	c 397	8.4	40.0	12	1	ABI41460	Oligonucleotide pr
325	8.4	40.0	12	1	ABH76723	Oligonucleotide pr	398	8.4	40.0	12	1	ABH53987	Oligonucleotide pr

399	8.4	40.0	12	1	ABI54681	Oligonucleotide pr
C 400	8.4	40.0	12	1	ABI56231	Oligonucleotide pr
401	8.4	40.0	12	1	ABI71711	Oligonucleotide pr
402	8.4	40.0	12	1	ABI73396	Oligonucleotide pr
C 403	8.4	40.0	12	1	ABI18065	Oligonucleotide pr
C 404	8.4	40.0	12	1	ABH74411	Oligonucleotide pr
405	8.4	40.0	12	1	ABH79584	Oligonucleotide pr
C 406	8.4	40.0	12	1	ABH80572	Oligonucleotide pr
C 407	8.4	40.0	12	1	ABI31140	Oligonucleotide pr
C 408	8.4	40.0	12	1	ABI31756	Oligonucleotide pr
C 409	8.4	40.0	12	1	ABI34399	Oligonucleotide pr
410	8.4	40.0	12	1	ABH86899	Oligonucleotide pr
411	8.4	40.0	12	1	ABI12266	Oligonucleotide pr
C 412	8.4	40.0	12	1	ABI62013	Oligonucleotide pr
C 413	8.4	40.0	12	1	ABI64037	Oligonucleotide pr
C 414	8.4	40.0	12	1	ABI81615	Oligonucleotide pr
C 415	8.4	40.0	12	1	ACC83101	K class CpG ODN se
416	8.4	40.0	12	1	ADH60828	phosphorylated oli
C 417	8.4	40.0	12	1	ADR43389	Exemplary target s
418	8.4	40.0	13	1	ABC54426	Oligonucleotide SE
C 419	8.4	40.0	13	1	ABC54427	Oligonucleotide SE
C 420	8.4	40.0	13	1	ABC81631	Oligonucleotide SE
421	8.4	40.0	13	1	ABC81630	Oligonucleotide SE
C 422	8.2	39.0	13	1	ABC70429	Oligonucleotide SE
423	8.2	39.0	13	1	ABC70428	Oligonucleotide SE
424	8.2	39.0	13	1	ABH66453	Oligonucleotide SE
C 425	8.2	39.0	13	1	ABH66452	Oligonucleotide SE
C 426	8.2	39.0	13	1	ABF62058	Oligonucleotide SE
427	8.2	39.0	13	1	ABF62059	Oligonucleotide SE
428	8.2	39.0	17	1	ACN08302	WNV minus strand H
C 429	8.2	39.0	17	1	ACN02587	WNV Inozyme substr
430	8.2	39.0	17	1	ACN12825	WNV minus strand Z
C 431	8	38.1	10	1	AAQ29493	Modified silica ge
C 432	8	38.1	10	1	AAZ78062	Human dendritic ce
C 433	8	38.1	10	1	AAZ82569	Metastatic breast
434	8	38.1	10	1	AAZ83679	Metastatic breast
C 435	8	38.1	10	1	AAZ84473	Human dendritic ce
C 436	8	38.1	10	1	AAZ74111	Human monocyte and
C 437	8	38.1	10	1	AAZ74183	Human ubiquitously
C 438	8	38.1	10	1	AAH64120	LPS activated huma
C 439	8	38.1	10	1	AAH32895	Yeast NORF gene SA
C 440	8	38.1	10	1	AAF36681	Yeast NORF gene SA
C 441	8	38.1	10	1	AAF37342	Yeast NORF gene SA
C 442	8	38.1	10	1	AAF34136	Yeast NORF gene SA
443	8	38.1	10	1	AAF42943	Yeast NORF gene SA
C 444	8	38.1	10	1	AAF36083	Yeast NORF gene SA
C 445	8	38.1	10	1	AAF41868	Yeast NORF gene SA
446	8	38.1	10	1	AAF36948	Yeast NORF gene SA
447	8	38.1	10	1	AAF41557	Yeast NORF gene SA
C 448	8	38.1	10	1	ABK47438	Gymnosperm-like co
C 449	8	38.1	10	1	ABL42923	Human maturation/a
C 450	8	38.1	10	1	ABV84622	Human calmodulin 2
C 451	8	38.1	10	1	ABK10142	Gymnosperm-like re
C 452	8	38.1	10	1	ABL36381	Human lysosomal ac
C 453	8	38.1	10	1	ADC39494	Gymnosperm-like re
C 454	8	38.1	11	1	AAQ29219	Sequence of primer
455	8	38.1	11	1	AAQ94230	Toxoplasma interna
456	8	38.1	11	1	AAV00082	Toxoplasma interna
457	8	38.1	11	1	AAA94198	Neospora nss-rRNA
C 458	8	38.1	11	1	ABV69158	Human skin EST 694
459	8	38.1	11	1	ABV69803	Human skin EST 758
460	8	38.1	11	1	ABV62382	Human skin EST 168
C 461	8	38.1	11	1	ABV67526	Human skin EST 531
C 462	8	38.1	11	1	ABV65128	Human skin EST 291
C 463	8	38.1	11	1	ABV66579	Human skin EST 436
C 464	8	38.1	11	1	ABV68331	Human skin EST 611
C 465	8	38.1	11	1	ABK99473	Human CYP3A5 Gene
466	8	38.1	11	1	ADQ32859	Human facial skin-
467	7.8	37.1	11	1	ABS56015	Dengue virus type
468	7.8	37.1	13	1	ABH22827	Oligonucleotide SE

ALIGNMENTS



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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 14:51:31 ; Search time 0.001 Seconds  
(without alignments)  
37.550 Million cell updates/sec

Title: us-10-088-666-73

Perfect score: 25

Sequence: 1 tcgagaataattgaataatatctag 25

Scoring table: IDENTITY NUC

Gapop 10<sub>0</sub> , Gapext 0.5

Searched: 62 seqs, 751 residues

Total number of hits satisfying chosen parameters: 124

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 66 summaries

Database : 73issdb.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	12	48.0	16	1	US-09-479-005A-519
2	11.8	47.2	15	1	US-08-311-486C-192
3	11.8	47.2	15	1	US-08-311-486C-200
4	11.8	47.2	15	1	US-08-311-486C-715
5	11.8	47.2	15	1	US-08-311-486C-716
6	11.4	45.6	16	1	US-09-479-005A-520
7	10.8	43.2	15	1	US-08-334-847-105
8	10.8	43.2	15	1	US-08-311-486C-191
9	10.8	43.2	15	1	US-08-311-486C-193
10	10.8	43.2	15	1	US-08-311-486C-199
11	10.8	43.2	15	1	US-08-311-486C-201
12	10.8	43.2	15	1	US-08-311-486C-712
13	10.8	43.2	15	1	US-08-311-486C-713
14	10.8	43.2	15	1	US-08-311-486C-714
15	10.8	43.2	15	1	US-08-311-486C-717
16	10.8	43.2	15	1	US-08-311-486C-721
17	10.8	43.2	15	1	US-08-585-684B-1727
18	10.8	43.2	15	1	US-08-585-684B-1831
19	10.8	43.2	15	1	US-09-038-073-1727
20	10.8	43.2	15	1	US-09-038-073-1831
21	10.8	43.2	15	1	US-09-147-251-5
22	10.4	41.6	13	1	US-09-373-129A-33
23	10.4	41.6	13	1	US-09-373-129A-35
24	9.4	37.6	11	1	US-09-373-129A-21
25	9.4	37.6	11	1	US-09-373-129A-23
26	9	36.0	11	1	US-09-196-523-21
27	9	36.0	11	1	US-09-373-129A-13
28	8.4	33.6	10	1	US-09-839-860-2
29	8.4	33.6	10	1	US-09-373-129A-40
30	8.4	33.6	10	1	US-09-373-129A-42
31	8.4	33.6	10	1	US-09-867-915-17
32	8.4	33.6	10	1	US-09-807-757C-13
33	8.4	33.6	10	1	US-09-807-757C-30

C 34	8.4	33.6	11	1	US-08-722-015A-2	Sequence 2, Appl
C 35	8.4	33.6	11	1	US-09-373-129A-18	Sequence 18, Appl
C 36	8.4	33.6	12	1	US-10-142-662-10	Sequence 10, Appl
C 37	8.2	32.8	16	1	US-09-479-005A-519	Sequence 519, App
C 38	8	32.0	10	1	US-07-872-673B-19	Sequence 19, Appl
C 39	8	32.0	11	1	US-09-112-450-9	Sequence 9, Appl
C 40	8	32.0	11	1	US-09-419-291A-9	Sequence 9, Appl
C 41	8	32.0	11	1	US-10-116-048-9	Sequence 9, Appl
C 42	7.8	31.2	10	1	PCT-US91-03680-77	Sequence 77, Appl
C 43	7.8	31.2	11	1	US-09-373-129A-21	Sequence 21, Appl
C 44	7.8	31.2	11	1	US-09-373-129A-23	Sequence 23, Appl
C 45	7.8	31.2	11	1	US-08-242-664-10	Sequence 10, Appl
C 46	7.8	31.2	11	1	US-08-467-219-3	Sequence 3, Appl
C 47	7.8	31.2	11	1	US-08-484-138-10	Sequence 10, Appl
C 48	7.8	31.2	11	1	US-08-659-924-3	Sequence 3, Appl
C 49	7.8	31.2	11	1	US-08-651-472-86	Sequence 86, Appl
C 50	7.8	31.2	11	1	US-08-358-928-86	Sequence 86, Appl
C 51	7.8	31.2	11	1	PCT-US95-06379-10	Sequence 10, Appl
C 52	7.6	30.4	16	1	US-09-479-005A-520	Sequence 520, App
C 53	7.4	29.6	10	1	US-08-440-787A-69	Sequence 69, Appl
C 54	7.4	29.6	10	1	US-08-388-353-254	Sequence 254, App
C 55	7.4	29.6	10	1	US-08-388-353-255	Sequence 255, App
C 56	7.4	29.6	10	1	US-08-488-551B-254	Sequence 254, App
C 57	7.4	29.6	10	1	US-08-488-551B-255	Sequence 255, App
C 58	7.4	29.6	10	1	US-08-584-760A-42	Sequence 42, Appl
C 59	7.4	29.6	10	1	US-09-839-860-1	Sequence 1, Appl
C 60	7.4	29.6	10	1	US-09-839-860-3	Sequence 3, Appl
C 61	7.4	29.6	10	1	US-09-839-860-5	Sequence 5, Appl
C 62	7.4	29.6	10	1	US-09-475-947A-82	Sequence 82, Appl
C 63	7.4	29.6	10	1	US-09-011-336-69	Sequence 69, Appl
C 64	7.4	29.6	10	1	US-08-894-454-104	Sequence 104, App
C 65	7.4	29.6	10	1	US-08-894-454-159	Sequence 159, App
C 66	7.4	29.6	10	1	US-10-032-307-45	Sequence 45, Appl

#### ALIGNMENTS

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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 14:55:23 ; Search time 2 Seconds  
(without alignments)  
1.039 Million cell updates/sec

Title: us-10-088-666-73

Perfect score: 25

Sequence: 1 tcgagaataattgaataatatctag 25

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 3348 seqs, 41550 residues

Total number of hits satisfying chosen parameters: 6696

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 3408 summaries

Database : 73pubdb.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	12.2	48.8	17	1	US-10-060-756A-4289
5	12	48.0	12	1	US-10-257-017B-331238
C 6	12	48.0	12	1	US-10-257-017B-331146
7	12	48.0	13	1	US-10-257-017B-147133
C 8	12	48.0	13	1	US-10-257-017B-147134
9	12	48.0	17	1	US-10-238-700-1291
C 10	11.6	46.4	13	1	US-10-257-017B-230121
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C 12	11.4	45.6	13	1	US-10-257-017B-2779
C 13	11.4	45.6	13	1	US-10-257-017B-2780
14	11.4	45.6	13	1	US-10-257-017B-31677
C 15	11.4	45.6	13	1	US-10-257-017B-31678
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C 17	11.4	45.6	13	1	US-10-257-017B-50970
C 18	11.4	45.6	13	1	US-10-257-017B-50985
C 19	11.4	45.6	13	1	US-10-257-017B-50986
20	11.4	45.6	13	1	US-10-257-017B-69549
C 21	11.4	45.6	13	1	US-10-257-017B-69550
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C 27	11.4	45.6	13	1	US-10-257-017B-154208
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29	11.4	45.6	13	1	US-10-257-017B-174774
C 30	11.4	45.6	13	1	US-10-257-017B-195911
31	11.4	45.6	13	1	US-10-257-017B-195912
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13	1	US-10-257-017B-20817	Sequence 20817, A
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c 108	10.4	41.6	12	1	US-10-257-017B-305761	Sequence 305761,	c 181	10.4	41.6	13	1	US-10-257-017B-149785	Sequence 149785,
c 109	10.4	41.6	12	1	US-10-257-017B-307805	Sequence 307805,	c 182	10.4	41.6	13	1	US-10-257-017B-149786	Sequence 149786,
c 110	10.4	41.6	12	1	US-10-257-017B-312316	Sequence 312316,	c 183	10.4	41.6	13	1	US-10-257-017B-151807	Sequence 151807,
c 111	10.4	41.6	12	1	US-10-257-017B-319252	Sequence 319252,	c 184	10.4	41.6	13	1	US-10-257-017B-151808	Sequence 151808,
c 112	10.4	41.6	12	1	US-10-257-017B-321572	Sequence 321572,	c 185	10.4	41.6	13	1	US-10-257-017B-156343	Sequence 156343,
c 113	10.4	41.6	12	1	US-10-257-017B-325749	Sequence 325749,	c 186	10.4	41.6	13	1	US-10-257-017B-156344	Sequence 156344,
c 114	10.4	41.6	12	1	US-10-257-017B-328136	Sequence 328136,	c 187	10.4	41.6	13	1	US-10-257-017B-157655	Sequence 157655,
c 115	10.4	41.6	12	1	US-10-257-017B-337038	Sequence 337038,	c 188	10.4	41.6	13	1	US-10-257-017B-157656	Sequence 157656,
c 116	10.4	41.6	12	1	US-10-257-017B-337681	Sequence 337681,	c 189	10.4	41.6	13	1	US-10-257-017B-164815	Sequence 164815,
c 117	10.4	41.6	12	1	US-10-257-017B-341377	Sequence 341377,	c 190	10.4	41.6	13	1	US-10-257-017B-164816	Sequence 164816,
c 118	10.4	41.6	12	1	US-10-257-017B-344099	Sequence 344099,	c 191	10.4	41.6	13	1	US-10-257-017B-167157	Sequence 167157,
c 119	10.4	41.6	12	1	US-10-257-017B-348378	Sequence 348378,	c 192	10.4	41.6	13	1	US-10-257-017B-167158	Sequence 167158,
c 120	10.4	41.6	12	1	US-10-257-017B-350806	Sequence 350806,	c 193	10.4	41.6	13	1	US-10-257-017B-170645	Sequence 170645,
c 121	10.4	41.6	12	1	US-10-257-017B-352474	Sequence 352474,	c 194	10.4	41.6	13	1	US-10-257-017B-170646	Sequence 170646,
c 122	10.4	41.6	12	1	US-10-257-017B-353127	Sequence 353127,	c 195	10.4	41.6	13	1	US-10-257-017B-171521	Sequence 171521,
c 123	10.4	41.6	12	1	US-10-257-017B-353508	Sequence 353508,	c 196	10.4	41.6	13	1	US-10-257-017B-171522	Sequence 171522,
c 124	10.4	41.6	12	1	US-10-257-017B-356759	Sequence 356759,	c 197	10.4	41.6	13	1	US-10-257-017B-171707	Sequence 171707,
c 125	10.4	41.6	12	1	US-10-257-017B-358125	Sequence 358125,	c 198	10.4	41.6	13	1	US-10-257-017B-171708	Sequence 171708,
c 126	10.4	41.6	12	1	US-10-257-017B-358927	Sequence 358927,	c 199	10.4	41.6	13	1	US-10-257-017B-173499	Sequence 173499,
c 127	10.4	41.6	12	1	US-10-257-017B-361672	Sequence 361672,	c 200	10.4	41.6	13	1	US-10-257-017B-173500	Sequence 173500,
c 128	10.4	41.6	12	1	US-10-257-017B-364961	Sequence 364961,	c 201	10.4	41.6	13	1	US-10-257-017B-187959	Sequence 187959,
c 129	10.4	41.6	12	1	US-10-257-017B-365058	Sequence 365058,	c 202	10.4	41.6	13	1	US-10-257-017B-187960	Sequence 187960,
c 130	10.4	41.6	12	1	US-10-257-017B-366458	Sequence 366458,	c 203	10.4	41.6	13	1	US-10-257-017B-190001	Sequence 190001,
c 131	10.4	41.6	12	1	US-10-257-017B-367258	Sequence 367258,	c 204	10.4	41.6	13	1	US-10-257-017B-190002	Sequence 190002,
c 132	10.4	41.6	12	1	US-10-257-017B-370422	Sequence 370422,	c 205	10.4	41.6	13	1	US-10-257-017B-191845	Sequence 191845,
c 133	10.4	41.6	12	1	US-10-257-017B-377789	Sequence 377789,	c 206	10.4	41.6	13	1	US-10-257-017B-191846	Sequence 191846,
c 134	10.4	41.6	12	1	US-10-257-017B-378776	Sequence 378776,	c 207	10.4	41.6	13	1	US-10-257-017B-194655	Sequence 194655,
c 135	10.4	41.6	12	1	US-10-257-017B-381127	Sequence 381127,	c 208	10.4	41.6	13	1	US-10-257-017B-194656	Sequence 194656,
c 136	10.4	41.6	12	1	US-10-257-017B-381170	Sequence 381170,	c 209	10.4	41.6	13	1	US-10-257-017B-201309	Sequence 201309,
c 137	10.4	41.6	12	1	US-10-360-222-33	Sequence 33, Appl	c 210	10.4	41.6	13	1	US-10-257-017B-201310	Sequence 201310,
c 138	10.4	41.6	13	1	US-10-360-222-35	Sequence 35, Appl	c 211	10.4	41.6	13	1	US-10-257-017B-201653	Sequence 201653,
c 139	10.4	41.6	13	1	US-10-257-017B-3215	Sequence 3215, Ap	c 212	10.4	41.6	13	1	US-10-257-017B-201654	Sequence 201654,
c 140	10.4	41.6	13	1	US-10-257-017B-3216	Sequence 3216, Ap	c 213	10.4	41.6	13	1	US-10-257-017B-206797	Sequence 206797,
c 141	10.4	41.6	13	1	US-10-257-017B-4451	Sequence 4451, Ap	c 214	10.4	41.6	13	1	US-10-257-017B-206798	Sequence 206798,
c 142	10.4	41.6	13	1	US-10-257-017B-4452	Sequence 4452, Ap	c 215	10.4	41.6	13	1	US-10-257-017B-216105	Sequence 216105,
c 143	10.4	41.6	13	1	US-10-257-017B-6203	Sequence 6203, Ap	c 216	10.4	41.6	13	1	US-10-257-017B-216106	Sequence 216106,
c 144	10.4	41.6	13	1	US-10-257-017B-6204	Sequence 6204, Ap	c 217	10.4	41.6	13	1	US-10-257-017B-216583	Sequence 216583,
c 145	10.4	41.6	13	1	US-10-257-017B-12411	Sequence 12411, A	c 218	10.4	41.6	13	1	US-10-257-017B-216584	Sequence 216584,
c 146	10.4	41.6	13	1	US-10-257-017B-12412	Sequence 12412, A	c 219	10.4	41.6	13	1	US-10-257-017B-225105	Sequence 225105,
c 147	10.4	41.6	13	1	US-10-257-017B-20671	Sequence 20671, A	c 220	10.4	41.6	13	1	US-10-257-017B-225106	Sequence 225106,
c 148	10.4	41.6	13	1	US-10-257-017B-20672	Sequence 20672, A	c 221	10.4	41.6	13	1	US-10-257-017B-227979	Sequence 227979,
c 149	10.4	41.6	13	1	US-10-257-017B-32571	Sequence 32571, A	c 222	10.4	41.6	13	1	US-10-257-017B-227980	Sequence 227980,
c 150	10.4	41.6	13	1	US-10-257-017B-32572	Sequence 32572, A	c 223	10.4	41.6	13	1	US-10-257-017B-231119	Sequence 231119,
c 151	10.4	41.6	13	1	US-10-257-017B-47429	Sequence 47429, A	c 224	10.4	41.6	13	1	US-10-257-017B-231120	Sequence 231120,
c 152	10.4	41.6	13	1	US-10-257-017B-47430	Sequence 47430, A	c 225	10.4	41.6	13	1	US-10-257-017B-231779	Sequence 231779,
c 153	10.4	41.6	13	1	US-10-257-017B-48731	Sequence 48731, A	c 226	10.4	41.6	13	1	US-10-257-017B-231780	Sequence 231780,
c 154	10.4	41.6	13	1	US-10-257-017B-48732	Sequence 48732, A	c 227	10.4	41.6	13	1	US-10-257-017B-238995	Sequence 238995,
c 155	10.4	41.6	13	1	US-10-257-017B-48733	Sequence 48733, A	c 228	10.4	41.6	13	1	US-10-257-017B-238996	Sequence 238996,
c 156	10.4	41.6	13	1	US-10-257-017B-48734	Sequence 48734, A	c 229	10.4	41.6	13	1	US-10-257-017B-240309	Sequence 240309,
c 157	10.4	41.6	13	1	US-10-257-017B-55579	Sequence 55579, A	c 230	10.4	41.6	13	1	US-10-257-017B-240310	Sequence 240310,
c 158	10.4	41.6	13	1	US-10-257-017B-55580	Sequence 55580, A	c 231	10.4	41.6	13	1	US-10-257-017B-246603	Sequence 246603,
c 159	10.4	41.6	13	1	US-10-257-017B-59373	Sequence 59373, A	c 232	10.4	41.6	13	1	US-10-257-017B-246604	Sequence 246604,
c 160	10.4	41.6	13	1	US-10-257-017B-59374	Sequence 59374, A	c 233	10.4	41.6	13	1	US-10-257-017B-248531	Sequence 248531,
c 161	10.4	41.6	13	1	US-10-257-017B-63427	Sequence 63427, A	c 234	10.4	41.6	13	1	US-10-257-017B-248532	Sequence 248532,
c 162	10.4	41.6	13	1	US-10-257-017B-63428	Sequence 63428, A	c 235	10.4	41.6	13	1	US-10-257-017B-249319	Sequence 249319,
c 163	10.4	41.6	13	1	US-10-257-017B-95889	Sequence 95889, A	c 236	10.4	41.6	13	1	US-10-257-017B-249320	Sequence 249320,
c 164	10.4	41.6	13	1	US-10-257-017B-95890	Sequence 95890, A	c 237	10.4	41.6	13	1	US-10-257-017B-253055	Sequence 253055,
c 165	10.4	41.6	13	1	US-10-257-017B-102523	Sequence 102523, A	c 238	10.4	41.6	13	1	US-10-257-017B-253056	Sequence 253056,
c 166	10.4	41.6	13	1	US-10-257-017B-102524	Sequence 102524, A	c 239	10.4	41.6	13	1	US-10-257-017B-253985	Sequence 253985,
c 167	10.4	41.6	13	1	US-10-257-017B-125029	Sequence 125029, A	c 240	10.4	41.6	13	1	US-10-257-017B-253986	Sequence 253986,
c 168	10.4	41.6	13	1	US-10-257-017B-125030	Sequence 125030, A	c 241	10.4	41.6	13	1	US-10-257-017B-255191	Sequence 255191,
c 169	10.4	41.6	13	1	US-10-257-017B-131701	Sequence 131701, A	c 242	10.4	41.6	13	1	US-10-257-017B-255192	Sequence 255192,
c 170	10.4	41.6	13	1	US-10-257-017B-131702	Sequence 131702, A	c 243	10.4	41.6	13	1	US-10-257-017B-255789	Sequence 255789,
c 171	10.4	41.6	13	1	US-10-257-017B-137285	Sequence 137285, A	c 244	10.4	41.6	13	1	US-10-257-017B-255790	Sequence 255790,
c 172	10.4	41.6	13	1	US-10-257-017B-137286	Sequence 137286, A	c 245	10.4	41.6	13	1	US-10-257-017B-256537	Sequence 256537,
c 173	10.4	41.6	13	1	US-10-257-017B-138341	Sequence 138341, A	c 246	10.4	41.6	13	1	US-10-257-017B-256538	Sequence 256538,
c 174	10.4	41.6	13	1	US-10-257-017B-138342	Sequence 138342, A	c 247	10.4	41.6	13	1	US-10-257-017B-262115	Sequence 262115,
c 175	10.4	41.6	13	1	US-10-257-017B-141095	Sequence 141095, A	c 248	10.4	41.6	13	1	US-10-257-017B-262116	Sequence 262116,
c 176	10.4	41.6	13	1	US-10-257-017B-141096	Sequence 141096, A	c 249	10.4	41.6	13	1	US-10-661-165-338	Sequence 338, App
c 177	10.4	41.6	13	1	US-10-257-017B-142567	Sequence 142567, A	c 250	10.4	40.0	12	1	US-10-257-017B-269093	Sequence 269093,
c 178	10.4	41.6	13	1	US-10-257-017B-142568	Sequence 142568, A	c 251	10.4	40.0	12	1	US-10-257-017B-269419	Sequence 269419,
c 179	10.4	41.6	13	1	US-10-257-017B-147131	Sequence 147131, A	c 252	10.4	40.0	12	1	US-10-257-017B-271396	Sequence 271396,

c 253	10	40.0	12	1	US-10-257-017B-274358	Sequence 274358,	c 326	10	40.0	13	1	US-10-257-017B-41585	Sequence 41585, A
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c 256	10	40.0	12	1	US-10-257-017B-290060	Sequence 290060,	c 329	10	40.0	13	1	US-10-257-017B-43278	Sequence 43278, A
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258	10	40.0	12	1	US-10-257-017B-296104	Sequence 296104,	331	10	40.0	13	1	US-10-257-017B-55600	Sequence 55600, A
c 259	10	40.0	12	1	US-10-257-017B-297484	Sequence 297484,	332	10	40.0	13	1	US-10-257-017B-57155	Sequence 57155, A
c 260	10	40.0	12	1	US-10-257-017B-308669	Sequence 308669,	c 333	10	40.0	13	1	US-10-257-017B-57156	Sequence 57156, A
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c 263	10	40.0	12	1	US-10-257-017B-324726	Sequence 324726,	336	10	40.0	13	1	US-10-257-017B-63799	Sequence 63799, A
c 264	10	40.0	12	1	US-10-257-017B-328140	Sequence 328140,	c 337	10	40.0	13	1	US-10-257-017B-63800	Sequence 63800, A
c 265	10	40.0	12	1	US-10-257-017B-329377	Sequence 329377,	c 338	10	40.0	13	1	US-10-257-017B-64387	Sequence 64387, A
266	10	40.0	12	1	US-10-257-017B-329812	Sequence 329812,	c 339	10	40.0	13	1	US-10-257-017B-64388	Sequence 64388, A
267	10	40.0	12	1	US-10-257-017B-331882	Sequence 331882,	c 340	10	40.0	13	1	US-10-257-017B-70191	Sequence 70191, A
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270	10	40.0	12	1	US-10-257-017B-335672	Sequence 335672,	343	10	40.0	13	1	US-10-257-017B-71274	Sequence 71274, A
c 271	10	40.0	12	1	US-10-257-017B-338838	Sequence 338838,	344	10	40.0	13	1	US-10-257-017B-75215	Sequence 75215, A
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c 273	10	40.0	12	1	US-10-257-017B-340823	Sequence 340823,	346	10	40.0	13	1	US-10-257-017B-76817	Sequence 76817, A
c 274	10	40.0	12	1	US-10-257-017B-340896	Sequence 340896,	c 347	10	40.0	13	1	US-10-257-017B-76818	Sequence 76818, A
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c 276	10	40.0	12	1	US-10-257-017B-346642	Sequence 346642,	c 349	10	40.0	13	1	US-10-257-017B-77954	Sequence 77954, A
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c 281	10	40.0	12	1	US-10-257-017B-355434	Sequence 355434,	354	10	40.0	13	1	US-10-257-017B-89725	Sequence 89725, A
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c 283	10	40.0	12	1	US-10-257-017B-362488	Sequence 362488,	356	10	40.0	13	1	US-10-257-017B-90689	Sequence 90689, A
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c 285	10	40.0	12	1	US-10-257-017B-365417	Sequence 365417,	c 358	10	40.0	13	1	US-10-257-017B-98827	Sequence 98827, A
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c 287	10	40.0	12	1	US-10-257-017B-368946	Sequence 368946,	360	10	40.0	13	1	US-10-257-017B-101087	Sequence 101087, A
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c 289	10	40.0	12	1	US-10-257-017B-376724	Sequence 376724,	c 362	10	40.0	13	1	US-10-257-017B-102171	Sequence 102171, A
c 290	10	40.0	12	1	US-10-257-017B-377951	Sequence 377951,	363	10	40.0	13	1	US-10-257-017B-102172	Sequence 102172, A
291	10	40.0	12	1	US-10-257-017B-380061	Sequence 380061,	c 364	10	40.0	13	1	US-10-257-017B-106827	Sequence 106827, A
c 292	10	40.0	13	1	US-10-257-017B-165	Sequence 165, App	365	10	40.0	13	1	US-10-257-017B-106828	Sequence 106828, A
c 293	10	40.0	13	1	US-10-257-017B-166	Sequence 166, App	c 366	10	40.0	13	1	US-10-257-017B-108867	Sequence 108867, A
294	10	40.0	13	1	US-10-257-017B-1751	Sequence 1751, App	367	10	40.0	13	1	US-10-257-017B-108868	Sequence 108868, A
c 295	10	40.0	13	1	US-10-257-017B-1752	Sequence 1752, App	c 368	10	40.0	13	1	US-10-257-017B-126819	Sequence 126819, A
c 296	10	40.0	13	1	US-10-257-017B-1791	Sequence 1791, App	369	10	40.0	13	1	US-10-257-017B-126820	Sequence 126820, A
297	10	40.0	13	1	US-10-257-017B-1792	Sequence 1792, App	c 370	10	40.0	13	1	US-10-257-017B-129595	Sequence 129595, A
c 298	10	40.0	13	1	US-10-257-017B-2773	Sequence 2773, App	371	10	40.0	13	1	US-10-257-017B-129596	Sequence 129596, A
c 299	10	40.0	13	1	US-10-257-017B-2774	Sequence 2774, App	372	10	40.0	13	1	US-10-257-017B-138865	Sequence 138865, A
c 300	10	40.0	13	1	US-10-257-017B-5051	Sequence 5051, App	c 373	10	40.0	13	1	US-10-257-017B-138866	Sequence 138866, A
c 301	10	40.0	13	1	US-10-257-017B-5052	Sequence 5052, App	c 374	10	40.0	13	1	US-10-257-017B-139423	Sequence 139423, A
c 302	10	40.0	13	1	US-10-257-017B-6663	Sequence 6663, App	375	10	40.0	13	1	US-10-257-017B-139424	Sequence 139424, A
c 303	10	40.0	13	1	US-10-257-017B-6664	Sequence 6664, App	c 376	10	40.0	13	1	US-10-257-017B-143833	Sequence 143833, A
c 304	10	40.0	13	1	US-10-257-017B-12853	Sequence 12853, A	c 377	10	40.0	13	1	US-10-257-017B-143834	Sequence 143834, A
305	10	40.0	13	1	US-10-257-017B-12854	Sequence 12854, A	c 378	10	40.0	13	1	US-10-257-017B-144384	Sequence 144384, A
c 306	10	40.0	13	1	US-10-257-017B-14655	Sequence 14655, A	c 379	10	40.0	13	1	US-10-257-017B-144384	Sequence 144384, A
c 307	10	40.0	13	1	US-10-257-017B-14656	Sequence 14656, A	c 380	10	40.0	13	1	US-10-257-017B-146983	Sequence 146983, A
c 308	10	40.0	13	1	US-10-257-017B-16991	Sequence 16991, A	c 381	10	40.0	13	1	US-10-257-017B-146984	Sequence 146984, A
c 309	10	40.0	13	1	US-10-257-017B-16992	Sequence 16992, A	c 382	10	40.0	13	1	US-10-257-017B-151259	Sequence 151259, A
c 310	10	40.0	13	1	US-10-257-017B-20545	Sequence 20545, A	c 383	10	40.0	13	1	US-10-257-017B-151260	Sequence 151260, A
c 311	10	40.0	13	1	US-10-257-017B-20546	Sequence 20546, A	c 384	10	40.0	13	1	US-10-257-017B-155159	Sequence 155159, A
c 312	10	40.0	13	1	US-10-257-017B-26527	Sequence 26527, A	c 385	10	40.0	13	1	US-10-257-017B-155160	Sequence 155160, A
c 313	10	40.0	13	1	US-10-257-017B-26528	Sequence 26528, A	c 386	10	40.0	13	1	US-10-257-017B-165379	Sequence 165379, A
c 314	10	40.0	13	1	US-10-257-017B-27159	Sequence 27159, A	c 387	10	40.0	13	1	US-10-257-017B-165380	Sequence 165380, A
c 315	10	40.0	13	1	US-10-257-017B-27160	Sequence 27160, A	c 388	10	40.0	13	1	US-10-257-017B-166479	Sequence 166479, A
c 316	10	40.0	13	1	US-10-257-017B-27173	Sequence 27173, A	c 389	10	40.0	13	1	US-10-257-017B-166480	Sequence 166480, A
c 317	10	40.0	13	1	US-10-257-017B-27174	Sequence 27174, A	c 390	10	40.0	13	1	US-10-257-017B-168221	Sequence 168221, A
c 318	10	40.0	13	1	US-10-257-017B-31657	Sequence 31657, A	c 391	10	40.0	13	1	US-10-257-017B-168222	Sequence 168222, A
c 319	10	40.0	13	1	US-10-257-017B-31658	Sequence 31658, A	c 392	10	40.0	13	1	US-10-257-017B-170735	Sequence 170735, A
320	10	40.0	13	1	US-10-257-017B-34529	Sequence 34529, A	c 393	10	40.0	13	1	US-10-257-017B-170736	Sequence 170736, A
c 321	10	40.0	13	1	US-10-257-017B-34530	Sequence 34530, A	c 394	10	40.0	13	1	US-10-257-017B-172189	Sequence 172189, A
c 322	10	40.0	13	1	US-10-257-017B-34851	Sequence 34851, A	c 395	10	40.0	13	1	US-10-257-017B-172190	Sequence 172190, A
c 323	10	40.0	13	1	US-10-257-017B-34852	Sequence 34852, A	c 396	10	40.0	13	1	US-10-257-017B-185113	Sequence 185113, A
c 324	10	40.0	13	1	US-10-257-017B-35141	Sequence 35141, A	c 397	10	40.0	13	1	US-10-257-017B-185114	Sequence 185114, A
325	10	40.0	13	1	US-10-257-017B-35142	Sequence 35142, A	c 398	10	40.0	13	1	US-10-257-017B-188149	Sequence 188149, A





691	9.8	39.2	13	1	US-10-257-017B-203639	Sequence 203639,	c 764	9.8	39.2	13	1	US-10-257-017B-248916	Sequence 248916,
692	9.8	39.2	13	1	US-10-257-017B-203640	Sequence 203640,	c 765	9.8	39.2	13	1	US-10-257-017B-249315	Sequence 249315,
693	9.8	39.2	13	1	US-10-257-017B-203641	Sequence 203641,	c 766	9.8	39.2	13	1	US-10-257-017B-249316	Sequence 249316,
694	9.8	39.2	13	1	US-10-257-017B-203642	Sequence 203642,	c 767	9.8	39.2	13	1	US-10-257-017B-250227	Sequence 250227,
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705	9.8	39.2	13	1	US-10-257-017B-218753	Sequence 218753,	c 778	9.8	39.2	13	1	US-10-257-017B-257594	Sequence 257594,
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707	9.8	39.2	13	1	US-10-257-017B-220375	Sequence 220375,	c 780	9.8	39.2	13	1	US-10-257-017B-259884	Sequence 259884,
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710	9.8	39.2	13	1	US-10-257-017B-221018	Sequence 221018,	c 783	9.8	39.2	13	1	US-10-257-017B-260149	Sequence 260149,
711	9.8	39.2	13	1	US-10-257-017B-222047	Sequence 222047,	c 784	9.8	39.2	13	1	US-10-257-017B-260150	Sequence 260150,
712	9.8	39.2	13	1	US-10-257-017B-222048	Sequence 222048,	c 785	9.8	39.2	13	1	US-10-257-017B-262859	Sequence 262859,
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714	9.8	39.2	13	1	US-10-257-017B-224302	Sequence 224302,	c 787	9.8	39.2	13	1	US-10-257-017B-263525	Sequence 263525,
715	9.8	39.2	13	1	US-10-257-017B-224379	Sequence 224379,	c 788	9.8	39.2	13	1	US-10-257-017B-263526	Sequence 263526,
716	9.8	39.2	13	1	US-10-257-017B-224380	Sequence 224380,	c 789	9.8	39.2	13	1	US-10-257-017B-263647	Sequence 263647,
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718	9.8	39.2	13	1	US-10-257-017B-224462	Sequence 224462,	c 791	9.8	39.2	13	1	US-10-257-017B-265987	Sequence 265987,
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721	9.8	39.2	13	1	US-10-257-017B-226059	Sequence 226059,	c 794	9.8	39.2	14	1	US-10-376-770-122	Sequence 122, App
722	9.8	39.2	13	1	US-10-257-017B-226060	Sequence 226060,	c 795	9.8	39.2	14	1	US-10-661-165-122	Sequence 122, App
723	9.8	39.2	13	1	US-10-257-017B-228271	Sequence 228271,	c 796	9.6	38.4	13	1	US-10-257-017B-29719	Sequence 29719, A
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727	9.8	39.2	13	1	US-10-257-017B-229667	Sequence 229667,	c 800	9.6	38.4	13	1	US-10-257-017B-157355	Sequence 157355,
728	9.8	39.2	13	1	US-10-257-017B-229668	Sequence 229668,	c 801	9.6	38.4	13	1	US-10-257-017B-157356	Sequence 157356,
729	9.8	39.2	13	1	US-10-257-017B-231001	Sequence 231001,	c 802	9.6	38.4	13	1	US-10-257-017B-163003	Sequence 163003,
730	9.8	39.2	13	1	US-10-257-017B-231002	Sequence 231002,	c 803	9.6	38.4	13	1	US-10-257-017B-163004	Sequence 163004,
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732	9.8	39.2	13	1	US-10-257-017B-231940	Sequence 231940,	c 805	9.6	38.4	13	1	US-10-257-017B-207388	Sequence 207388,
733	9.8	39.2	13	1	US-10-257-017B-231941	Sequence 231941,	c 806	9.4	37.6	11	1	US-10-360-222-21	Sequence 21, Appl
734	9.8	39.2	13	1	US-10-257-017B-231942	Sequence 231942,	c 807	9.4	37.6	11	1	US-10-360-222-23	Sequence 23, Appl
735	9.8	39.2	13	1	US-10-257-017B-232597	Sequence 232597,	c 808	9.4	37.6	11	1	US-10-480-343-100	Sequence 100, App
736	9.8	39.2	13	1	US-10-257-017B-232598	Sequence 232598,	c 809	9.4	37.6	12	1	US-10-661-165-321	Sequence 321, App
737	9.8	39.2	13	1	US-10-257-017B-233677	Sequence 233677,	c 810	9.4	37.6	12	1	US-10-257-017B-267380	Sequence 267380,
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C 837	9.4	37.6	12	1	US-10-257-017B-278783	Sequence 278783,	910	9.4	37.6	12	1	US-10-257-017B-318140	Sequence 318140,
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C 839	9.4	37.6	12	1	US-10-257-017B-279667	Sequence 279667	C 912	9.4	37.6	12	1	US-10-257-017B-319319	Sequence 319319,
C 840	9.4	37.6	12	1	US-10-257-017B-279982	Sequence 279982	C 913	9.4	37.6	12	1	US-10-257-017B-319409	Sequence 319409,
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C 847	9.4	37.6	12	1	US-10-257-017B-282223	Sequence 282223,	C 920	9.4	37.6	12	1	US-10-257-017B-324320	Sequence 324320,
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C 850	9.4	37.6	12	1	US-10-257-017B-283644	Sequence 283644,	C 923	9.4	37.6	12	1	US-10-257-017B-325184	Sequence 325184,
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C 862	9.4	37.6	12	1	US-10-257-017B-287204	Sequence 287204,	C 935	9.4	37.6	12	1	US-10-257-017B-332150	Sequence 332150,
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C 867	9.4	37.6	12	1	US-10-257-017B-289238	Sequence 289238,	C 940	9.4	37.6	12	1	US-10-257-017B-334064	Sequence 334064,
C 868	9.4	37.6	12	1	US-10-257-017B-291237	Sequence 291237,	C 941	9.4	37.6	12	1	US-10-257-017B-334323	Sequence 334323,
C 869	9.4	37.6	12	1	US-10-257-017B-291364	Sequence 291364,	C 942	9.4	37.6	12	1	US-10-257-017B-334540	Sequence 334540,
C 870	9.4	37.6	12	1	US-10-257-017B-291964	Sequence 291964,	C 943	9.4	37.6	12	1	US-10-257-017B-334863	Sequence 334863,
C 871	9.4	37.6	12	1	US-10-257-017B-293886	Sequence 293886,	C 944	9.4	37.6	12	1	US-10-257-017B-335167	Sequence 335167,
C 872	9.4	37.6	12	1	US-10-257-017B-296314	Sequence 296314,	C 945	9.4	37.6	12	1	US-10-257-017B-335706	Sequence 335706,
C 873	9.4	37.6	12	1	US-10-257-017B-296522	Sequence 296522,	C 946	9.4	37.6	12	1	US-10-257-017B-335886	Sequence 335886,
C 874	9.4	37.6	12	1	US-10-257-017B-296982	Sequence 296982,	C 947	9.4	37.6	12	1	US-10-257-017B-336439	Sequence 336439,
C 875	9.4	37.6	12	1	US-10-257-017B-299810	Sequence 299810,	C 948	9.4	37.6	12	1	US-10-257-017B-336512	Sequence 336512,
C 876	9.4	37.6	12	1	US-10-257-017B-299857	Sequence 299857,	C 949	9.4	37.6	12	1	US-10-257-017B-336709	Sequence 336709,
C 877	9.4	37.6	12	1	US-10-257-017B-300798	Sequence 300798,	C 950	9.4	37.6	12	1	US-10-257-017B-336737	Sequence 336737,
C 878	9.4	37.6	12	1	US-10-257-017B-302311	Sequence 302311,	C 951	9.4	37.6	12	1	US-10-257-017B-337041	Sequence 337041,
C 879	9.4	37.6	12	1	US-10-257-017B-303327	Sequence 303327,	C 952	9.4	37.6	12	1	US-10-257-017B-337358	Sequence 337358,
C 880	9.4	37.6	12	1	US-10-257-017B-303857	Sequence 303857,	C 953	9.4	37.6	12	1	US-10-257-017B-338120	Sequence 338120,
C 881	9.4	37.6	12	1	US-10-257-017B-305071	Sequence 305071,	C 954	9.4	37.6	12	1	US-10-257-017B-338436	Sequence 338436,
C 882	9.4	37.6	12	1	US-10-257-017B-305681	Sequence 305681,	C 955	9.4	37.6	12	1	US-10-257-017B-338837	Sequence 338837,
C 883	9.4	37.6	12	1	US-10-257-017B-305918	Sequence 305918,	C 956	9.4	37.6	12	1	US-10-257-017B-339392	Sequence 339392,
C 884	9.4	37.6	12	1	US-10-257-017B-306365	Sequence 306365,	C 957	9.4	37.6	12	1	US-10-257-017B-339392	Sequence 339392,
C 885	9.4	37.6	12	1	US-10-257-017B-306880	Sequence 306880,	C 958	9.4	37.6	12	1	US-10-257-017B-339545	Sequence 339545,
C 886	9.4	37.6	12	1	US-10-257-017B-307897	Sequence 307897,	C 959	9.4	37.6	12	1	US-10-257-017B-339647	Sequence 339647,
C 887	9.4	37.6	12	1	US-10-257-017B-307996	Sequence 307996,	C 960	9.4	37.6	12	1	US-10-257-017B-339691	Sequence 339691,
C 888	9.4	37.6	12	1	US-10-257-017B-308530	Sequence 308530,	C 961	9.4	37.6	12	1	US-10-257-017B-339819	Sequence 339819,
C 889	9.4	37.6	12	1	US-10-257-017B-309161	Sequence 309161,	C 962	9.4	37.6	12	1	US-10-257-017B-340609	Sequence 340609,
C 890	9.4	37.6	12	1	US-10-257-017B-309843	Sequence 309843,	C 963	9.4	37.6	12	1	US-10-257-017B-340736	Sequence 340736,
C 891	9.4	37.6	12	1	US-10-257-017B-310729	Sequence 310729,	C 964	9.4	37.6	12	1	US-10-257-017B-340934	Sequence 340934,
C 892	9.4	37.6	12	1	US-10-257-017B-311254	Sequence 311254,	C 965	9.4	37.6	12	1	US-10-257-017B-341022	Sequence 341022,
C 893	9.4	37.6	12	1	US-10-257-017B-311471	Sequence 311471,	C 966	9.4	37.6	12	1	US-10-257-017B-341348	Sequence 341348,
C 894	9.4	37.6	12	1	US-10-257-017B-312375	Sequence 312375,	C 967	9.4	37.6	12	1	US-10-257-017B-342236	Sequence 342236,
C 895	9.4	37.6	12	1	US-10-257-017B-312706	Sequence 312706,	C 968	9.4	37.6	12	1	US-10-257-017B-342478	Sequence 342478,
C 896	9.4	37.6	12	1	US-10-257-017B-313205	Sequence 313205,	C 969	9.4	37.6	12	1	US-10-257-017B-342712	Sequence 342712,
C 897	9.4	37.6	12	1	US-10-257-017B-313413	Sequence 313413,	C 970	9.4	37.6	12	1	US-10-257-017B-343208	Sequence 343208,
C 898	9.4	37.6	12	1	US-10-257-017B-313722	Sequence 313722,	C 971	9.4	37.6	12	1	US-10-257-017B-343324	Sequence 343324,
C 899	9.4	37.6	12	1	US-10-257-017B-314329	Sequence 314329,	C 972	9.4	37.6	12	1	US-10-257-017B-343975	Sequence 343975,
C 900	9.4	37.6	12	1	US-10-257-017B-314397	Sequence 314397,	C 973	9.4	37.6	12	1	US-10-257-017B-344090	Sequence 344090,
C 901	9.4	37.6	12	1	US-10-257-017B-314715	Sequence 314715,	C 974	9.4	37.6	12	1	US-10-257-017B-344143	Sequence 344143,
C 902	9.4	37.6	12	1	US-10-257-017B-315655	Sequence 315655,	C 975	9.4	37.6	12	1	US-10-257-017B-345109	Sequence 345109,
C 903	9.4	37.6	12	1	US-10-257-017B-316239	Sequence 316239,	C 976	9.4	37.6	12	1	US-10-257-017B-345229	Sequence 345229,
C 904	9.4	37.6	12	1	US-10-257-017B-316255	Sequence 316255,	C 977	9.4	37.6	12	1	US-10-257-017B-345336	Sequence 345336,
C 905	9.4	37.6	12	1	US-10-257-017B-316413	Sequence 316413,	C 978	9.4	37.6	12	1	US-10-257-017B-345581	Sequence 345581,
C 906	9.4	37.6	12	1	US-10-257-017B-316621	Sequence 316621,	C 979	9.4	37.6	12	1	US-10-257-017B-345705	Sequence 345705,
C 907	9.4	37.6	12	1	US-10-257-017B-316776	Sequence 316776,	C 980	9.4	37.6	12	1	US-10-257-017B-346128	Sequence 346128,
C 908	9.4	37.6	12	1	US-10-257-017B-316804	Sequence 316804,	C 981	9.4	37.6	12	1	US-10-257-017B-346883	Sequence 346883,
C 909	9.4	37.6	12	1	US-10-257-017B-317359	Sequence 317359,	C 982	9.4	37.6	12	1	US-10-257-017B-348361	Sequence 348361,

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c 985	9.4	37.6	12	1	US-10-257-017B-349322	Sequence 349322,	1058	9.4	37.6	12	1	US-10-257-017B-375095	Sequence 375095,
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c 987	9.4	37.6	12	1	US-10-257-017B-349413	Sequence 349413,	c1060	9.4	37.6	12	1	US-10-257-017B-375603	Sequence 375603,
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c 989	9.4	37.6	12	1	US-10-257-017B-349720	Sequence 349720,	c1062	9.4	37.6	12	1	US-10-257-017B-377626	Sequence 377626,
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c 991	9.4	37.6	12	1	US-10-257-017B-350319	Sequence 350319,	1064	9.4	37.6	12	1	US-10-257-017B-377841	Sequence 377841,
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c 996	9.4	37.6	12	1	US-10-257-017B-352163	Sequence 352163,	c1069	9.4	37.6	12	1	US-10-257-017B-380971	Sequence 380971,
c 997	9.4	37.6	12	1	US-10-257-017B-352336	Sequence 352336,	c1070	9.4	37.6	12	1	US-10-257-017B-381379	Sequence 381379,
998	9.4	37.6	12	1	US-10-257-017B-352495	Sequence 352495,	1071	9.4	37.6	12	1	US-10-257-017B-381383	Sequence 381383,
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1002	9.4	37.6	12	1	US-10-257-017B-355248	Sequence 355248,	c1075	9.4	37.6	12	1	US-10-257-017B-383035	Sequence 383035, Ap
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1004	9.4	37.6	12	1	US-10-257-017B-355671	Sequence 355671,	1077	9.4	37.6	12	1	US-10-257-017B-383207	Sequence 383207, Ap
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c1006	9.4	37.6	12	1	US-10-257-017B-356424	Sequence 356424,	1079	9.4	37.6	12	1	US-10-257-017B-3209	Sequence 3209, Ap
1007	9.4	37.6	12	1	US-10-257-017B-356687	Sequence 356687,	c1080	9.4	37.6	12	1	US-10-257-017B-3210	Sequence 3210, Ap
c1008	9.4	37.6	12	1	US-10-257-017B-357189	Sequence 357189,	c1081	9.4	37.6	12	1	US-10-257-017B-4435	Sequence 4435, Ap
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c1013	9.4	37.6	12	1	US-10-257-017B-359428	Sequence 359428,	c1086	9.4	37.6	12	1	US-10-257-017B-6456	Sequence 6456, Ap
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c1053	9.4	37.6	12	1	US-10-257-017B-373415	Sequence 373415,	1126	9.4	37.6	12	1	US-10-257-017B-19225	Sequence 19225, A
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c1275	9.4	37.6	13	1	US-10-257-017B-73019	A	Sequence 73019, A	c1348	9.4	37.6	13	1	US-10-257-017B-106244	Sequence 106244,
c1276	9.4	37.6	13	1	US-10-257-017B-73020	A	Sequence 73020, A	1349	9.4	37.6	13	1	US-10-257-017B-109315	Sequence 109315,
c1277	9.4	37.6	13	1	US-10-257-017B-74029	A	Sequence 74029, A	c1350	9.4	37.6	13	1	US-10-257-017B-109316	Sequence 109316,
c1278	9.4	37.6	13	1	US-10-257-017B-74030	A	Sequence 74030, A	c1351	9.4	37.6	13	1	US-10-257-017B-111141	Sequence 111141,
c1279	9.4	37.6	13	1	US-10-257-017B-75165	A	Sequence 75165, A	1352	9.4	37.6	13	1	US-10-257-017B-111142	Sequence 111142,
c1280	9.4	37.6	13	1	US-10-257-017B-75166	A	Sequence 75166, A	1353	9.4	37.6	13	1	US-10-257-017B-111171	Sequence 111171,
c1281	9.4	37.6	13	1	US-10-257-017B-75167	A	Sequence 75167, A	c1354	9.4	37.6	13	1	US-10-257-017B-111718	Sequence 111718,
c1282	9.4	37.6	13	1	US-10-257-017B-75168	A	Sequence 75168, A	c1355	9.4	37.6	13	1	US-10-257-017B-114475	Sequence 114475,
c1283	9.4	37.6	13	1	US-10-257-017B-75475	A	Sequence 75475, A	1356	9.4	37.6	13	1	US-10-257-017B-114476	Sequence 114476,
c1284	9.4	37.6	13	1	US-10-257-017B-75476	A	Sequence 75476, A	c1357	9.4	37.6	13	1	US-10-257-017B-114591	Sequence 114591,
c1285	9.4	37.6	13	1	US-10-257-017B-78153	A	Sequence 78153, A	1358	9.4	37.6	13	1	US-10-257-017B-114592	Sequence 114592,
c1286	9.4	37.6	13	1	US-10-257-017B-78154	A	Sequence 78154, A	c1359	9.4	37.6	13	1	US-10-257-017B-115605	Sequence 115605,
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c1289	9.4	37.6	13	1	US-10-257-017B-79199	A	Sequence 79199, A	1362	9.4	37.6	13	1	US-10-257-017B-115808	Sequence 115808,
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c1291	9.4	37.6	13	1	US-10-257-017B-79883	A	Sequence 79883, A	1364	9.4	37.6	13	1	US-10-257-017B-115838	Sequence 115838,
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c1297	9.4	37.6	13	1	US-10-257-017B-82287	A	Sequence 82287, A	1370	9.4	37.6	13	1	US-10-257-017B-116806	Sequence 116806,
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c1301	9.4	37.6	13	1	US-10-257-017B-83783	A	Sequence 83783, A	1374	9.4	37.6	13	1	US-10-257-017B-119966	Sequence 119966,
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c1304	9.4	37.6	13	1	US-10-257-017B-84048	A	Sequence 84048, A	c1377	9.4	37.6	13	1	US-10-257-017B-121555	Sequence 121555,
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c1317	9.4	37.6	13	1	US-10-257-017B-86601	A	Sequence 86601, A	c1390	9.4	37.6	13	1	US-10-257-017B-124138	Sequence 124138,
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c1336	9.4	37.6	13	1	US-10-257-017B-98730	A	Sequence 98730, A	c1409	9.4	37.6	13	1	US-10-257-017B-131889	Sequence 131889,
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c1423	9.4	37.6	13	1	US-10-257-017B-139935	Sequence 139935	1496	9.4	37.6	13	1	US-10-257-017B-177864	Sequence 177864,
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c1437	9.4	37.6	13	1	US-10-257-017B-145523	Sequence 145523,	1510	9.4	37.6	13	1	US-10-257-017B-182146	Sequence 182146,
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c1441	9.4	37.6	13	1	US-10-257-017B-148348	Sequence 148348,	1514	9.4	37.6	13	1	US-10-257-017B-183260	Sequence 183260,
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c1458	9.4	37.6	13	1	US-10-257-017B-161910	Sequence 161910,	1531	9.4	37.6	13	1	US-10-257-017B-190739	Sequence 190739,
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c1462	9.4	37.6	13	1	US-10-257-017B-162530	Sequence 162530,	1535	9.4	37.6	13	1	US-10-257-017B-192839	Sequence 192839,
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c1464	9.4	37.6	13	1	US-10-257-017B-164230	Sequence 164230,	1537	9.4	37.6	13	1	US-10-257-017B-194825	Sequence 194825,
c1465	9.4	37.6	13	1	US-10-257-017B-166075	Sequence 166075,	c1538	9.4	37.6	13	1	US-10-257-017B-194826	Sequence 194826,
c1466	9.4	37.6	13	1	US-10-257-017B-166076	Sequence 166076,	c1539	9.4	37.6	13	1	US-10-257-017B-195541	Sequence 195541,
c1467	9.4	37.6	13	1	US-10-257-017B-166113	Sequence 166113,	1540	9.4	37.6	13	1	US-10-257-017B-195542	Sequence 195542,
c1468	9.4	37.6	13	1	US-10-257-017B-166114	Sequence 166114,	1541	9.4	37.6	13	1	US-10-257-017B-196275	Sequence 196275,
c1469	9.4	37.6	13	1	US-10-257-017B-166825	Sequence 166825,	c1542	9.4	37.6	13	1	US-10-257-017B-196276	Sequence 196276,
c1470	9.4	37.6	13	1	US-10-257-017B-168826	Sequence 168826,	1543	9.4	37.6	13	1	US-10-257-017B-196629	Sequence 196629,
c1471	9.4	37.6	13	1	US-10-257-017B-170309	Sequence 170309,	c1544	9.4	37.6	13	1	US-10-257-017B-196630	Sequence 196630,
c1472	9.4	37.6	13	1	US-10-257-017B-170310	Sequence 170310,	1545	9.4	37.6	13	1	US-10-257-017B-197123	Sequence 197123,
c1473	9.4	37.6	13	1	US-10-257-017B-170579	Sequence 170579,	c1546	9.4	37.6	13	1	US-10-257-017B-197124	Sequence 197124,
c1474	9.4	37.6	13	1	US-10-257-017B-170580	Sequence 170580,	c1547	9.4	37.6	13	1	US-10-257-017B-200303	Sequence 200303,
c1475	9.4	37.6	13	1	US-10-257-017B-171191	Sequence 171191,	1548	9.4	37.6	13	1	US-10-257-017B-200304	Sequence 200304,
c1476	9.4	37.6	13	1	US-10-257-017B-171192	Sequence 171192,	1549	9.4	37.6	13	1	US-10-257-017B-200559	Sequence 200559,
c1477	9.4	37.6	13	1	US-10-257-017B-173961	Sequence 173961,	c1550	9.4	37.6	13	1	US-10-257-017B-200560	Sequence 200560,
c1478	9.4	37.6	13	1	US-10-257-017B-173962	Sequence 173962,	c1551	9.4	37.6	13	1	US-10-257-017B-200751	Sequence 200751,
c1479	9.4	37.6	13	1	US-10-257-017B-174395	Sequence 174395,	1552	9.4	37.6	13	1	US-10-257-017B-200752	Sequence 200752,
c1480	9.4	37.6	13	1	US-10-257-017B-174396	Sequence 174396,	1553	9.4	37.6	13	1	US-10-257-017B-201063	Sequence 201063,
c1481	9.4	37.6	13	1	US-10-257-017B-175087	Sequence 175087,	c1554	9.4	37.6	13	1	US-10-257-017B-201064	Sequence 201064,
c1482	9.4	37.6	13	1	US-10-257-017B-175088	Sequence 175088,	c1555	9.4	37.6	13	1	US-10-257-017B-201265	Sequence 201265,
c1483	9.4	37.6	13	1	US-10-257-017B-175123	Sequence 175123,	1556	9.4	37.6	13	1	US-10-257-017B-201266	Sequence 201266,
c1484	9.4	37.6	13	1	US-10-257-017B-175124	Sequence 175124,	1557	9.4	37.6	13	1	US-10-257-017B-201313	Sequence 201313,
c1485	9.4	37.6	13	1	US-10-257-017B-175291	Sequence 175291,	c1558	9.4	37.6	13	1	US-10-257-017B-201314	Sequence 201314,
c1486	9.4	37.6	13	1	US-10-257-017B-175292	Sequence 175292,	1559	9.4	37.6	13	1	US-10-257-017B-201755	Sequence 201755,
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c1489	9.4	37.6	13	1	US-10-257-017B-175847	Sequence 175847,	c1562	9.4	37.6	13	1	US-10-257-017B-202270	Sequence 202270,
c1490	9.4	37.6	13	1	US-10-257-017B-175848	Sequence 175848,	1563	9.4	37.6	13	1	US-10-257-017B-202271	Sequence 202271,
c1491	9.4	37.6	13	1	US-10-257-017B-176729	Sequence 176729,	c1564	9.4	37.6	13	1	US-10-257-017B-202272	Sequence 202272,
c1492	9.4	37.6	13	1	US-10-257-017B-176730	Sequence 176730,	1565	9.4	37.6	13	1	US-10-257-017B-203157	Sequence 203157,
c1493	9.4	37.6	13	1	US-10-257-017B-177595	Sequence 177595,	c1566	9.4	37.6	13	1	US-10-257-017B-203158	Sequence 203158,

1567	9.4	37.6	13	1	US-10-257-017B-204825	Sequence 204825,	c1640	9.4	37.6	13	1	US-10-257-017B-230300	Sequence 230300,
c1568	9.4	37.6	13	1	US-10-257-017B-204826	Sequence 204826,	c1641	9.4	37.6	13	1	US-10-257-017B-231339	Sequence 231339,
c1569	9.4	37.6	13	1	US-10-257-017B-205195	Sequence 205195,	1642	9.4	37.6	13	1	US-10-257-017B-231340	Sequence 231340,
1570	9.4	37.6	13	1	US-10-257-017B-205196	Sequence 205196,	1643	9.4	37.6	13	1	US-10-257-017B-231373	Sequence 231373,
c1571	9.4	37.6	13	1	US-10-257-017B-206219	Sequence 206219,	c1644	9.4	37.6	13	1	US-10-257-017B-231374	Sequence 231374,
1572	9.4	37.6	13	1	US-10-257-017B-206220	Sequence 206220,	1645	9.4	37.6	13	1	US-10-257-017B-233509	Sequence 233509,
1573	9.4	37.6	13	1	US-10-257-017B-206781	Sequence 206781,	c1646	9.4	37.6	13	1	US-10-257-017B-233510	Sequence 233510,
c1574	9.4	37.6	13	1	US-10-257-017B-206782	Sequence 206782,	1647	9.4	37.6	13	1	US-10-257-017B-234111	Sequence 234111,
c1575	9.4	37.6	13	1	US-10-257-017B-207059	Sequence 207059,	c1648	9.4	37.6	13	1	US-10-257-017B-234112	Sequence 234112,
1576	9.4	37.6	13	1	US-10-257-017B-207060	Sequence 207060,	c1649	9.4	37.6	13	1	US-10-257-017B-234153	Sequence 234153,
c1577	9.4	37.6	13	1	US-10-257-017B-207061	Sequence 207061,	1650	9.4	37.6	13	1	US-10-257-017B-234154	Sequence 234154,
1578	9.4	37.6	13	1	US-10-257-017B-207062	Sequence 207062,	c1651	9.4	37.6	13	1	US-10-257-017B-234711	Sequence 234711,
c1579	9.4	37.6	13	1	US-10-257-017B-207585	Sequence 207585,	1652	9.4	37.6	13	1	US-10-257-017B-234712	Sequence 234712,
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c1715	9.4	37.6	13	1	US-10-257-017B-254037	Sequence 254037,	c1788	9	36.0	12	1	US-10-257-017B-313337	Sequence 313337,
c1716	9.4	37.6	13	1	US-10-257-017B-254038	Sequence 254038,	1789	9	36.0	12	1	US-10-257-017B-315656	Sequence 315656,
c1717	9.4	37.6	13	1	US-10-257-017B-256985	Sequence 256985,	1790	9	36.0	12	1	US-10-257-017B-316034	Sequence 316034,
c1718	9.4	37.6	13	1	US-10-257-017B-256986	Sequence 256986,	1791	9	36.0	12	1	US-10-257-017B-316423	Sequence 316423,
c1719	9.4	37.6	13	1	US-10-257-017B-258899	Sequence 258899,	c1792	9	36.0	12	1	US-10-257-017B-318310	Sequence 318310,
c1720	9.4	37.6	13	1	US-10-257-017B-258900	Sequence 258900,	c1793	9	36.0	12	1	US-10-257-017B-318748	Sequence 318748,
c1721	9.4	37.6	13	1	US-10-257-017B-259187	Sequence 259187,	c1794	9	36.0	12	1	US-10-257-017B-319568	Sequence 319568,
c1722	9.4	37.6	13	1	US-10-257-017B-259188	Sequence 259188,	c1795	9	36.0	12	1	US-10-257-017B-320587	Sequence 320587,
c1723	9.4	37.6	13	1	US-10-257-017B-260981	Sequence 260981,	c1796	9	36.0	12	1	US-10-257-017B-321494	Sequence 321494,
c1724	9.4	37.6	13	1	US-10-257-017B-260982	Sequence 260982,	c1797	9	36.0	12	1	US-10-257-017B-321870	Sequence 321870,
c1725	9.4	37.6	13	1	US-10-257-017B-261445	Sequence 261445,	c1798	9	36.0	12	1	US-10-257-017B-322091	Sequence 322091,
c1726	9.4	37.6	13	1	US-10-257-017B-261446	Sequence 261446,	c1799	9	36.0	12	1	US-10-257-017B-323827	Sequence 323827,
c1727	9.4	37.6	13	1	US-10-257-017B-263401	Sequence 263401,	c1800	9	36.0	12	1	US-10-257-017B-324790	Sequence 324790,
c1728	9.4	37.6	13	1	US-10-257-017B-263402	Sequence 263402,	1801	9	36.0	12	1	US-10-257-017B-324866	Sequence 324866,
c1729	9.4	37.6	13	1	US-10-257-017B-263769	Sequence 263769,	1802	9	36.0	12	1	US-10-257-017B-325312	Sequence 325312,
c1730	9.4	37.6	13	1	US-10-257-017B-263770	Sequence 263770,	1803	9	36.0	12	1	US-10-257-017B-325429	Sequence 325429,
c1731	9.4	37.6	13	1	US-10-257-017B-264603	Sequence 264603,	1804	9	36.0	12	1	US-10-257-017B-325823	Sequence 325823,
c1732	9.4	37.6	13	1	US-10-257-017B-264604	Sequence 264604,	1805	9	36.0	12	1	US-10-257-017B-326016	Sequence 326016,
c1733	9.4	37.6	13	1	US-10-257-017B-264721	Sequence 264721,	1806	9	36.0	12	1	US-10-257-017B-326183	Sequence 326183,
c1734	9.4	37.6	13	1	US-10-257-017B-264722	Sequence 264722,	1807	9	36.0	12	1	US-10-257-017B-327653	Sequence 327653,
c1735	9.4	37.6	13	1	US-10-257-017B-264817	Sequence 264817,	c1808	9	36.0	12	1	US-10-257-017B-328139	Sequence 328139,
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c1739	9.4	37.6	13	1	US-10-257-017B-266075	Sequence 266075,	c1812	9	36.0	12	1	US-10-257-017B-332750	Sequence 332750,
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c1741	9.4	37.6	13	1	US-10-257-017B-266081	Sequence 266081,	c1814	9	36.0	12	1	US-10-257-017B-334216	Sequence 334216,
c1742	9.4	37.6	13	1	US-10-257-017B-266082	Sequence 266082,	1815	9	36.0	12	1	US-10-257-017B-334497	Sequence 334497,
c1743	9.4	37.6	13	1	US-10-257-017B-266319	Sequence 266319,	1816	9	36.0	12	1	US-10-257-017B-334989	Sequence 334989,
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c1746	9.4	37.6	13	1	US-10-257-017B-266690	Sequence 266690,	1819	9	36.0	12	1	US-10-257-017B-337456	Sequence 337456,
c1747	9	36.0	11	1	US-10-222-226-29	Sequence 29, Appl	1820	9	36.0	12	1	US-10-257-017B-338879	Sequence 338879,
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c1750	9	36.0	11	1	US-10-450-797-354	Sequence 354, App	c1823	9	36.0	12	1	US-10-257-017B-340450	Sequence 340450,
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c1761	9	36.0	12	1	US-10-257-017B-278531	Sequence 278531,	1834	9	36.0	12	1	US-10-257-017B-349370	Sequence 349370,
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c1763	9	36.0	12	1	US-10-257-017B-279007	Sequence 279007,	1836	9	36.0	12	1	US-10-257-017B-349373	Sequence 349373,
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c1765	9	36.0	12	1	US-10-257-017B-282450	Sequence 282450,	c1838	9	36.0	12	1	US-10-257-017B-350377	Sequence 350377,
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c1767	9	36.0	12	1	US-10-257-017B-285500	Sequence 285500,	1840	9	36.0	12	1	US-10-257-017B-351672	Sequence 351672,
c1768	9	36.0	12	1	US-10-257-017B-286010	Sequence 286010,	c1841	9	36.0	12	1	US-10-257-017B-351904	Sequence 351904,
c1769	9	36.0	12	1	US-10-257-017B-290120	Sequence 290120,	c1842	9	36.0	12	1	US-10-257-017B-352423	Sequence 352423,
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c1772	9	36.0	12	1	US-10-257-017B-290926	Sequence 290926,	1845	9	36.0	12	1	US-10-257-017B-352956	Sequence 352956,
c1773	9	36.0	12	1	US-10-257-017B-291859	Sequence 291859,	c1846	9	36.0	12	1	US-10-257-017B-353291	Sequence 353291,
c1774	9	36.0	12	1	US-10-257-017B-292564	Sequence 292564,	1847	9	36.0	12	1	US-10-257-017B-355528	Sequence 355528,
c1775	9	36.0	12	1	US-10-257-017B-292961	Sequence 292961,	c1848	9	36.0	12	1	US-10-257-017B-355890	Sequence 355890,
c1776	9	36.0	12	1	US-10-257-017B-294943	Sequence 294943,	c1849	9	36.0	12	1	US-10-257-017B-356356	Sequence 356356,
c1777	9	36.0	12	1	US-10-257-017B-295624	Sequence 295624,	c1850	9	36.0	12	1	US-10-257-017B-356592	Sequence 356592,
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c1779	9	36.0	12	1	US-10-257-017B-301245	Sequence 301245,	c1852	9	36.0	12	1	US-10-257-017B-356661	Sequence 356661,
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c1781	9	36.0	12	1	US-10-257-017B-305966	Sequence 305966,	1854	9	36.0	12	1	US-10-257-017B-356922	Sequence 356922,
c1782	9	36.0	12	1	US-10-257-017B-306823	Sequence 306823,	1855	9	36.0	12	1	US-10-257-017B-357471	Sequence 357471,
c1783	9	36.0	12	1	US-10-257-017B-306824	Sequence 306824,	1856	9	36.0	12	1	US-10-257-017B-358619	Sequence 358619,
c1784	9	36.0	12	1	US-10-257-017B-306977	Sequence 306977,	1857	9	36.0	12	1	US-10-257-017B-358929	Sequence 358929,
c1785	9	36.0	12	1	US-10-257-017B-307320	Sequence 307320,	1858	9	36.0	12	1	US-10-257-017B-359228	Sequence 359228,
					Sequence 309644,								



c1859	9	36.0	12	1	US-10-257-017B-359860	Sequence 359860,	c1932	8.8	35.2	12	1	US-10-257-017B-272341	Sequence 272341,
c1860	9	36.0	12	1	US-10-257-017B-359904	Sequence 359904,	1933	8.8	35.2	12	1	US-10-257-017B-272482	Sequence 272482,
c1861	9	36.0	12	1	US-10-257-017B-360016	Sequence 360016,	1934	8.8	35.2	12	1	US-10-257-017B-272492	Sequence 272492,
c1862	9	36.0	12	1	US-10-257-017B-360129	Sequence 360129,	1935	8.8	35.2	12	1	US-10-257-017B-272519	Sequence 272519,
c1863	9	36.0	12	1	US-10-257-017B-360589	Sequence 360589,	c1936	8.8	35.2	12	1	US-10-257-017B-272635	Sequence 272635,
c1864	9	36.0	12	1	US-10-257-017B-362352	Sequence 362352,	1937	8.8	35.2	12	1	US-10-257-017B-272662	Sequence 272662,
c1865	9	36.0	12	1	US-10-257-017B-363272	Sequence 363272,	c1938	8.8	35.2	12	1	US-10-257-017B-272665	Sequence 272665,
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c1867	9	36.0	12	1	US-10-257-017B-364385	Sequence 364385,	c1940	8.8	35.2	12	1	US-10-257-017B-272665	Sequence 272665,
c1868	9	36.0	12	1	US-10-257-017B-364492	Sequence 364492,	c1941	8.8	35.2	12	1	US-10-257-017B-272832	Sequence 272832,
c1869	9	36.0	12	1	US-10-257-017B-365982	Sequence 365982,	1942	8.8	35.2	12	1	US-10-257-017B-272985	Sequence 272985,
c1870	9	36.0	12	1	US-10-257-017B-366245	Sequence 366245,	1943	8.8	35.2	12	1	US-10-257-017B-273294	Sequence 273294,
c1871	9	36.0	12	1	US-10-257-017B-367488	Sequence 367488,	1944	8.8	35.2	12	1	US-10-257-017B-273297	Sequence 273297,
c1872	9	36.0	12	1	US-10-257-017B-367622	Sequence 367622,	c1945	8.8	35.2	12	1	US-10-257-017B-273335	Sequence 273335,
c1873	9	36.0	12	1	US-10-257-017B-367703	Sequence 367703,	c1946	8.8	35.2	12	1	US-10-257-017B-273459	Sequence 273459,
c1874	9	36.0	12	1	US-10-257-017B-367850	Sequence 367850,	1947	8.8	35.2	12	1	US-10-257-017B-273811	Sequence 273811,
c1875	9	36.0	12	1	US-10-257-017B-369278	Sequence 369278,	1948	8.8	35.2	12	1	US-10-257-017B-273987	Sequence 273987,
c1876	9	36.0	12	1	US-10-257-017B-370089	Sequence 370089,	1949	8.8	35.2	12	1	US-10-257-017B-274074	Sequence 274074,
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c1878	9	36.0	12	1	US-10-257-017B-370607	Sequence 370607,	c1951	8.8	35.2	12	1	US-10-257-017B-274538	Sequence 274538,
c1879	9	36.0	12	1	US-10-257-017B-371132	Sequence 371132,	1952	8.8	35.2	12	1	US-10-257-017B-274874	Sequence 274874,
c1880	9	36.0	12	1	US-10-257-017B-371709	Sequence 371709,	1953	8.8	35.2	12	1	US-10-257-017B-275366	Sequence 275366,
c1881	9	36.0	12	1	US-10-257-017B-371738	Sequence 371738,	c1954	8.8	35.2	12	1	US-10-257-017B-275393	Sequence 275393,
c1882	9	36.0	12	1	US-10-257-017B-371767	Sequence 371767,	c1955	8.8	35.2	12	1	US-10-257-017B-275567	Sequence 275567,
c1883	9	36.0	12	1	US-10-257-017B-373254	Sequence 373254,	1956	8.8	35.2	12	1	US-10-257-017B-275724	Sequence 275724,
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c1888	9	36.0	12	1	US-10-257-017B-379767	Sequence 379767,	1961	8.8	35.2	12	1	US-10-257-017B-276845	Sequence 276845,
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c1890	9	36.0	12	1	US-10-257-017B-380261	Sequence 380261,	1963	8.8	35.2	12	1	US-10-257-017B-277021	Sequence 277021,
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c1892	9	36.0	12	1	US-10-257-017B-382034	Sequence 382034,	c1965	8.8	35.2	12	1	US-10-257-017B-277122	Sequence 277122,
c1893	9	36.0	12	1	US-10-476-362-33	Sequence 33, Appl	1966	8.8	35.2	12	1	US-10-257-017B-277204	Sequence 277204,
c1894	8.8	35.2	12	1	US-10-257-017B-289282	Sequence 289282,	c1967	8.8	35.2	12	1	US-10-257-017B-277248	Sequence 277248,
c1895	8.8	35.2	12	1	US-10-257-017B-381127	Sequence 381127,	1968	8.8	35.2	12	1	US-10-257-017B-277274	Sequence 277274,
c1896	8.8	35.2	12	1	US-10-257-017B-340553	Sequence 340553,	1969	8.8	35.2	12	1	US-10-257-017B-277626	Sequence 277626,
c1897	8.8	35.2	12	1	US-09-263-959-429	Sequence 429, Appl	1970	8.8	35.2	12	1	US-10-257-017B-277731	Sequence 277731,
c1898	8.8	35.2	12	1	US-10-068-160-22	Sequence 22, Appl	1971	8.8	35.2	12	1	US-10-257-017B-277767	Sequence 277767,
c1899	8.8	35.2	12	1	US-10-310-294-33	Sequence 33, Appl	1972	8.8	35.2	12	1	US-10-257-017B-278357	Sequence 278357,
c1900	8.8	35.2	12	1	US-10-669-841-11248	Sequence 11248, A	1973	8.8	35.2	12	1	US-10-257-017B-278529	Sequence 278529,
c1901	8.8	35.2	12	1	US-10-257-017B-267092	Sequence 267092,	1974	8.8	35.2	12	1	US-10-257-017B-278791	Sequence 278791,
c1902	8.8	35.2	12	1	US-10-257-017B-267099	Sequence 267099,	c1975	8.8	35.2	12	1	US-10-257-017B-278964	Sequence 278964,
c1903	8.8	35.2	12	1	US-10-257-017B-267364	Sequence 267364,	c1976	8.8	35.2	12	1	US-10-257-017B-279139	Sequence 279139,
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c1905	8.8	35.2	12	1	US-10-257-017B-267686	Sequence 267686,	1978	8.8	35.2	12	1	US-10-257-017B-279351	Sequence 279351,
c1906	8.8	35.2	12	1	US-10-257-017B-267793	Sequence 267793,	1979	8.8	35.2	12	1	US-10-257-017B-279531	Sequence 279531,
c1907	8.8	35.2	12	1	US-10-257-017B-268041	Sequence 268041,	1980	8.8	35.2	12	1	US-10-257-017B-279633	Sequence 279633,
c1908	8.8	35.2	12	1	US-10-257-017B-268408	Sequence 268408,	c1981	8.8	35.2	12	1	US-10-257-017B-280099	Sequence 280099,
c1909	8.8	35.2	12	1	US-10-257-017B-268464	Sequence 268464,	1982	8.8	35.2	12	1	US-10-257-017B-280100	Sequence 280100,
c1910	8.8	35.2	12	1	US-10-257-017B-268488	Sequence 268488,	1983	8.8	35.2	12	1	US-10-257-017B-280119	Sequence 280119,
c1911	8.8	35.2	12	1	US-10-257-017B-268587	Sequence 268587,	c1984	8.8	35.2	12	1	US-10-257-017B-280134	Sequence 280134,
c1912	8.8	35.2	12	1	US-10-257-017B-268651	Sequence 268651,	c1985	8.8	35.2	12	1	US-10-257-017B-280161	Sequence 280161,
c1913	8.8	35.2	12	1	US-10-257-017B-268726	Sequence 268726,	c1986	8.8	35.2	12	1	US-10-257-017B-280196	Sequence 280196,
c1914	8.8	35.2	12	1	US-10-257-017B-268840	Sequence 268840,	1987	8.8	35.2	12	1	US-10-257-017B-280282	Sequence 280282,
c1915	8.8	35.2	12	1	US-10-257-017B-269166	Sequence 269166,	1988	8.8	35.2	12	1	US-10-257-017B-280297	Sequence 280297,
c1916	8.8	35.2	12	1	US-10-257-017B-269443	Sequence 269443,	c1989	8.8	35.2	12	1	US-10-257-017B-280410	Sequence 280410,
c1917	8.8	35.2	12	1	US-10-257-017B-269472	Sequence 269472,	1990	8.8	35.2	12	1	US-10-257-017B-280502	Sequence 280502,
c1918	8.8	35.2	12	1	US-10-257-017B-269502	Sequence 269502,	c1991	8.8	35.2	12	1	US-10-257-017B-280616	Sequence 280616,
c1919	8.8	35.2	12	1	US-10-257-017B-269559	Sequence 269559,	1992	8.8	35.2	12	1	US-10-257-017B-280623	Sequence 280623,
c1920	8.8	35.2	12	1	US-10-257-017B-270188	Sequence 270188,	c1993	8.8	35.2	12	1	US-10-257-017B-280783	Sequence 280783,
c1921	8.8	35.2	12	1	US-10-257-017B-270188	Sequence 270188,	c1994	8.8	35.2	12	1	US-10-257-017B-280971	Sequence 280971,
c1922	8.8	35.2	12	1	US-10-257-017B-270910	Sequence 270910,	c1995	8.8	35.2	12	1	US-10-257-017B-281082	Sequence 281082,
c1923	8.8	35.2	12	1	US-10-257-017B-270914	Sequence 270914,	1996	8.8	35.2	12	1	US-10-257-017B-281231	Sequence 281231,
c1924	8.8	35.2	12	1	US-10-257-017B-270973	Sequence 270973,	c1997	8.8	35.2	12	1	US-10-257-017B-281289	Sequence 281289,
c1925	8.8	35.2	12	1	US-10-257-017B-270979	Sequence 270979,	c1998	8.8	35.2	12	1	US-10-257-017B-281304	Sequence 281304,
c1926	8.8	35.2	12	1	US-10-257-017B-271139	Sequence 271139,	c1999	8.8	35.2	12	1	US-10-257-017B-281305	Sequence 281305,
c1927	8.8	35.2	12	1	US-10-257-017B-271139	Sequence 271139,	2000	8.8	35.2	12	1	US-10-257-017B-281390	Sequence 281390,
c1928	8.8	35.2	12	1	US-10-257-017B-271455	Sequence 271455,	2001	8.8	35.2	12	1	US-10-257-017B-281439	Sequence 281439,
c1929	8.8	35.2	12	1	US-10-257-017B-271678	Sequence 271678,	c2002	8.8	35.2	12	1	US-10-257-017B-281721	Sequence 281721,
c1930	8.8	35.2	12	1	US-10-257-017B-272200	Sequence 272200,	c2003	8.8	35.2	12	1	US-10-257-017B-281753	Sequence 281753,
c1931	8.8	35.2	12	1	US-10-257-017B-272334	Sequence 272334,	2004	8.8	35.2	12	1	US-10-257-017B-281825	Sequence 281825,



C2005	8.8	35.2	12	1	US-10-257-017B-282302	Sequence 282302,	2078	8.8	35.2	12	1	US-10-257-017B-294918	Sequence 294918,
C2006	8.8	35.2	12	1	US-10-257-017B-282581	Sequence 282581,	C2079	8.8	35.2	12	1	US-10-257-017B-295077	Sequence 295077,
C2007	8.8	35.2	12	1	US-10-257-017B-282605	Sequence 282605,	C2080	8.8	35.2	12	1	US-10-257-017B-295380	Sequence 295380,
C2008	8.8	35.2	12	1	US-10-257-017B-282966	Sequence 282966,	C2081	8.8	35.2	12	1	US-10-257-017B-296151	Sequence 296151,
C2009	8.8	35.2	12	1	US-10-257-017B-282970	Sequence 282970,	C2082	8.8	35.2	12	1	US-10-257-017B-297246	Sequence 297246,
C2010	8.8	35.2	12	1	US-10-257-017B-283054	Sequence 283054,	C2083	8.8	35.2	12	1	US-10-257-017B-297297	Sequence 297297,
C2011	8.8	35.2	12	1	US-10-257-017B-283139	Sequence 283139,	C2084	8.8	35.2	12	1	US-10-257-017B-297504	Sequence 297504,
C2012	8.8	35.2	12	1	US-10-257-017B-283336	Sequence 283336,	C2085	8.8	35.2	12	1	US-10-257-017B-298005	Sequence 298005,
C2013	8.8	35.2	12	1	US-10-257-017B-283347	Sequence 283347,	C2086	8.8	35.2	12	1	US-10-257-017B-298549	Sequence 298549,
C2014	8.8	35.2	12	1	US-10-257-017B-283431	Sequence 283431,	C2087	8.8	35.2	12	1	US-10-257-017B-298844	Sequence 298844,
C2015	8.8	35.2	12	1	US-10-257-017B-283466	Sequence 283466,	C2088	8.8	35.2	12	1	US-10-257-017B-298898	Sequence 298898,
C2016	8.8	35.2	12	1	US-10-257-017B-283503	Sequence 283503,	C2089	8.8	35.2	12	1	US-10-257-017B-298957	Sequence 298957,
C2017	8.8	35.2	12	1	US-10-257-017B-283510	Sequence 283510,	C2090	8.8	35.2	12	1	US-10-257-017B-300200	Sequence 300200,
C2018	8.8	35.2	12	1	US-10-257-017B-283546	Sequence 283546,	C2091	8.8	35.2	12	1	US-10-257-017B-300476	Sequence 300476,
C2019	8.8	35.2	12	1	US-10-257-017B-283616	Sequence 283616,	C2092	8.8	35.2	12	1	US-10-257-017B-300617	Sequence 300617,
C2020	8.8	35.2	12	1	US-10-257-017B-283859	Sequence 283859,	C2093	8.8	35.2	12	1	US-10-257-017B-300643	Sequence 300643,
C2021	8.8	35.2	12	1	US-10-257-017B-283867	Sequence 283867,	C2094	8.8	35.2	12	1	US-10-257-017B-300850	Sequence 300850,
C2022	8.8	35.2	12	1	US-10-257-017B-283868	Sequence 283868,	C2095	8.8	35.2	12	1	US-10-257-017B-300889	Sequence 300889,
C2023	8.8	35.2	12	1	US-10-257-017B-284250	Sequence 284250,	C2096	8.8	35.2	12	1	US-10-257-017B-301339	Sequence 301339,
C2024	8.8	35.2	12	1	US-10-257-017B-284351	Sequence 284351,	C2097	8.8	35.2	12	1	US-10-257-017B-301380	Sequence 301380,
C2025	8.8	35.2	12	1	US-10-257-017B-284355	Sequence 284355,	C2098	8.8	35.2	12	1	US-10-257-017B-301651	Sequence 301651,
C2026	8.8	35.2	12	1	US-10-257-017B-284716	Sequence 284716,	C2099	8.8	35.2	12	1	US-10-257-017B-301744	Sequence 301744,
C2027	8.8	35.2	12	1	US-10-257-017B-285055	Sequence 285055,	C2100	8.8	35.2	12	1	US-10-257-017B-302040	Sequence 302040,
C2028	8.8	35.2	12	1	US-10-257-017B-285374	Sequence 285374,	C2101	8.8	35.2	12	1	US-10-257-017B-302574	Sequence 302574,
C2029	8.8	35.2	12	1	US-10-257-017B-285674	Sequence 285674,	C2102	8.8	35.2	12	1	US-10-257-017B-303015	Sequence 303015,
C2030	8.8	35.2	12	1	US-10-257-017B-285677	Sequence 285677,	C2103	8.8	35.2	12	1	US-10-257-017B-303585	Sequence 303585,
C2031	8.8	35.2	12	1	US-10-257-017B-285883	Sequence 285883,	C2104	8.8	35.2	12	1	US-10-257-017B-303737	Sequence 303737,
C2032	8.8	35.2	12	1	US-10-257-017B-286006	Sequence 286006,	C2105	8.8	35.2	12	1	US-10-257-017B-303741	Sequence 303741,
C2033	8.8	35.2	12	1	US-10-257-017B-286702	Sequence 286702,	C2106	8.8	35.2	12	1	US-10-257-017B-304020	Sequence 304020,
C2034	8.8	35.2	12	1	US-10-257-017B-286742	Sequence 286742,	C2107	8.8	35.2	12	1	US-10-257-017B-304076	Sequence 304076,
C2035	8.8	35.2	12	1	US-10-257-017B-287011	Sequence 287011,	C2108	8.8	35.2	12	1	US-10-257-017B-304440	Sequence 304440,
C2036	8.8	35.2	12	1	US-10-257-017B-287452	Sequence 287452,	C2109	8.8	35.2	12	1	US-10-257-017B-304831	Sequence 304831,
C2037	8.8	35.2	12	1	US-10-257-017B-287498	Sequence 287498,	C2110	8.8	35.2	12	1	US-10-257-017B-304920	Sequence 304920,
C2038	8.8	35.2	12	1	US-10-257-017B-287635	Sequence 287635,	C2111	8.8	35.2	12	1	US-10-257-017B-306008	Sequence 306008,
C2039	8.8	35.2	12	1	US-10-257-017B-287856	Sequence 287856,	C2112	8.8	35.2	12	1	US-10-257-017B-306250	Sequence 306250,
C2040	8.8	35.2	12	1	US-10-257-017B-288353	Sequence 288353,	C2113	8.8	35.2	12	1	US-10-257-017B-306661	Sequence 306661,
C2041	8.8	35.2	12	1	US-10-257-017B-288714	Sequence 288714,	C2114	8.8	35.2	12	1	US-10-257-017B-306978	Sequence 306978,
C2042	8.8	35.2	12	1	US-10-257-017B-288726	Sequence 288726,	C2115	8.8	35.2	12	1	US-10-257-017B-307092	Sequence 307092,
C2043	8.8	35.2	12	1	US-10-257-017B-288838	Sequence 288838,	C2116	8.8	35.2	12	1	US-10-257-017B-307428	Sequence 307428,
C2044	8.8	35.2	12	1	US-10-257-017B-289532	Sequence 289532,	C2117	8.8	35.2	12	1	US-10-257-017B-307479	Sequence 307479,
C2045	8.8	35.2	12	1	US-10-257-017B-289532	Sequence 289532,	C2118	8.8	35.2	12	1	US-10-257-017B-307505	Sequence 307505,
C2046	8.8	35.2	12	1	US-10-257-017B-289876	Sequence 289876,	C2119	8.8	35.2	12	1	US-10-257-017B-307737	Sequence 307737,
C2047	8.8	35.2	12	1	US-10-257-017B-290187	Sequence 290187,	C2120	8.8	35.2	12	1	US-10-257-017B-308178	Sequence 308178,
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C2049	8.8	35.2	12	1	US-10-257-017B-290515	Sequence 290515,	C2122	8.8	35.2	12	1	US-10-257-017B-308402	Sequence 308402,
C2050	8.8	35.2	12	1	US-10-257-017B-290517	Sequence 290517,	C2123	8.8	35.2	12	1	US-10-257-017B-308435	Sequence 308435,
C2051	8.8	35.2	12	1	US-10-257-017B-290688	Sequence 290688,	C2124	8.8	35.2	12	1	US-10-257-017B-308570	Sequence 308570,
C2052	8.8	35.2	12	1	US-10-257-017B-290689	Sequence 290689,	C2125	8.8	35.2	12	1	US-10-257-017B-308992	Sequence 308992,
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C2055	8.8	35.2	12	1	US-10-257-017B-291127	Sequence 291127,	C2128	8.8	35.2	12	1	US-10-257-017B-309417	Sequence 309417,
C2056	8.8	35.2	12	1	US-10-257-017B-291158	Sequence 291158,	C2129	8.8	35.2	12	1	US-10-257-017B-310165	Sequence 310165,
C2057	8.8	35.2	12	1	US-10-257-017B-291176	Sequence 291176,	C2130	8.8	35.2	12	1	US-10-257-017B-310735	Sequence 310735,
C2058	8.8	35.2	12	1	US-10-257-017B-291347	Sequence 291347,	C2131	8.8	35.2	12	1	US-10-257-017B-310747	Sequence 310747,
C2059	8.8	35.2	12	1	US-10-257-017B-291351	Sequence 291351,	C2132	8.8	35.2	12	1	US-10-257-017B-311070	Sequence 311070,
C2060	8.8	35.2	12	1	US-10-257-017B-291688	Sequence 291688,	C2133	8.8	35.2	12	1	US-10-257-017B-311276	Sequence 311276,
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C2064	8.8	35.2	12	1	US-10-257-017B-292607	Sequence 292607,	C2137	8.8	35.2	12	1	US-10-257-017B-311692	Sequence 311692,
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C2068	8.8	35.2	12	1	US-10-257-017B-293144	Sequence 293144,	C2141	8.8	35.2	12	1	US-10-257-017B-312044	Sequence 312044,
C2069	8.8	35.2	12	1	US-10-257-017B-293146	Sequence 293146,	C2142	8.8	35.2	12	1	US-10-257-017B-312306	Sequence 312306,
C2070	8.8	35.2	12	1	US-10-257-017B-293156	Sequence 293156,	C2143	8.8	35.2	12	1	US-10-257-017B-312383	Sequence 312383,
C2071	8.8	35.2	12	1	US-10-257-017B-293223	Sequence 293223,	C2144	8.8	35.2	12	1	US-10-257-017B-313193	Sequence 313193,
C2072	8.8	35.2	12	1	US-10-257-017B-293371	Sequence 293371,	C2145	8.8	35.2	12	1	US-10-257-017B-313195	Sequence 313195,
C2073	8.8	35.2	12	1	US-10-257-017B-293853	Sequence 293853,	C2146	8.8	35.2	12	1	US-10-257-017B-313207	Sequence 313207,
C2074	8.8	35.2	12	1	US-10-257-017B-294052	Sequence 294052,	C2147	8.8	35.2	12	1	US-10-257-017B-313218	Sequence 313218,
C2075	8.8	35.2	12	1	US-10-257-017B-294319	Sequence 294319,	C2148	8.8	35.2	12	1	US-10-257-017B-313398	Sequence 313398,
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C2077	8.8	35.2	12	1	US-10-257-017B-294834	Sequence 294834,	C2150	8.8	35.2	12	1	US-10-257-017B-313625	Sequence 313625,

2151	8.8	35.2	12	1	US-10-257-017B-313908	Sequence 313908,	c2224	8.8	35.2	12	1	US-10-257-017B-330397	Sequence 330397,
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2154	8.8	35.2	12	1	US-10-257-017B-315098	Sequence 315098,	2227	8.8	35.2	12	1	US-10-257-017B-330804	Sequence 330804,
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2157	8.8	35.2	12	1	US-10-257-017B-315812	Sequence 315812,	2230	8.8	35.2	12	1	US-10-257-017B-331833	Sequence 331833,
2158	8.8	35.2	12	1	US-10-257-017B-315812	Sequence 315812,	2231	8.8	35.2	12	1	US-10-257-017B-332227	Sequence 332227,
2159	8.8	35.2	12	1	US-10-257-017B-315863	Sequence 315863,	2232	8.8	35.2	12	1	US-10-257-017B-332333	Sequence 332333,
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2176	8.8	35.2	12	1	US-10-257-017B-319472	Sequence 319472,	c2249	8.8	35.2	12	1	US-10-257-017B-335857	Sequence 335857,
2177	8.8	35.2	12	1	US-10-257-017B-319970	Sequence 319970,	c2250	8.8	35.2	12	1	US-10-257-017B-336007	Sequence 336007,
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2182	8.8	35.2	12	1	US-10-257-017B-320751	Sequence 320751,	2255	8.8	35.2	12	1	US-10-257-017B-336976	Sequence 336976,
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2184	8.8	35.2	12	1	US-10-257-017B-320889	Sequence 320889,	c2257	8.8	35.2	12	1	US-10-257-017B-337315	Sequence 337315,
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2188	8.8	35.2	12	1	US-10-257-017B-322438	Sequence 322438,	c2261	8.8	35.2	12	1	US-10-257-017B-337971	Sequence 337971,
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2191	8.8	35.2	12	1	US-10-257-017B-323416	Sequence 323416,	2264	8.8	35.2	12	1	US-10-257-017B-338589	Sequence 338589,
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2193	8.8	35.2	12	1	US-10-257-017B-324004	Sequence 324004,	2266	8.8	35.2	12	1	US-10-257-017B-338753	Sequence 338753,
2194	8.8	35.2	12	1	US-10-257-017B-324040	Sequence 324040,	c2267	8.8	35.2	12	1	US-10-257-017B-339068	Sequence 339068,
2195	8.8	35.2	12	1	US-10-257-017B-324425	Sequence 324425,	c2268	8.8	35.2	12	1	US-10-257-017B-339221	Sequence 339221,
2196	8.8	35.2	12	1	US-10-257-017B-324756	Sequence 324756,	c2269	8.8	35.2	12	1	US-10-257-017B-339263	Sequence 339263,
2197	8.8	35.2	12	1	US-10-257-017B-324935	Sequence 324935,	2270	8.8	35.2	12	1	US-10-257-017B-339298	Sequence 339298,
2198	8.8	35.2	12	1	US-10-257-017B-324941	Sequence 324941,	c2271	8.8	35.2	12	1	US-10-257-017B-339690	Sequence 339690,
2199	8.8	35.2	12	1	US-10-257-017B-325678	Sequence 325678,	c2272	8.8	35.2	12	1	US-10-257-017B-339926	Sequence 339926,
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2201	8.8	35.2	12	1	US-10-257-017B-326134	Sequence 326134,	c2274	8.8	35.2	12	1	US-10-257-017B-340191	Sequence 340191,
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2204	8.8	35.2	12	1	US-10-257-017B-326250	Sequence 326250,	c2277	8.8	35.2	12	1	US-10-257-017B-340807	Sequence 340807,
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2210	8.8	35.2	12	1	US-10-257-017B-326919	Sequence 326919,	c2283	8.8	35.2	12	1	US-10-257-017B-341757	Sequence 341757,
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2212	8.8	35.2	12	1	US-10-257-017B-327335	Sequence 327335,	2285	8.8	35.2	12	1	US-10-257-017B-341879	Sequence 341879,
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2216	8.8	35.2	12	1	US-10-257-017B-328037	Sequence 328037,	2289	8.8	35.2	12	1	US-10-257-017B-342367	Sequence 342367,
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C2299	8.8	35.2	12	1	US-10-257-017B-344364	Sequence 344364,	8.8	35.2	12	1	US-10-257-017B-356382	Sequence 356382,
2300	8.8	35.2	12	1	US-10-257-017B-344431	Sequence 344431,	8.8	35.2	12	1	US-10-257-017B-356382	Sequence 356382,
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2453	8.8	35.2	12	1	US-10-257-017B-371535	Sequence 371535,	8.8	35.2	17	1	US-10-238-700-1291	Sequence 1291, Ap
2454	8.8	35.2	12	1	US-10-257-017B-371535	Sequence 371535,	8.6	34.4	17	1	US-09-839-860-2	Sequence 2, Appli
2455	8.8	35.2	12	1	US-10-257-017B-371728	Sequence 371728,	8.4	33.6	10	1	US-09-867-915-17	Sequence 17, Appl
2456	8.8	35.2	12	1	US-10-257-017B-371967	Sequence 371967,	8.4	33.6	10	1	US-09-867-915-17	Sequence 60, Appl
2457	8.8	35.2	12	1	US-10-257-017B-372201	Sequence 372201,	8.4	33.6	10	1	US-10-033-145-611	Sequence 611, Appl
2458	8.8	35.2	12	1	US-10-257-017B-372324	Sequence 372324,	8.4	33.6	10	1	US-10-360-222-40	Sequence 40, Appl
2459	8.8	35.2	12	1	US-10-257-017B-372430	Sequence 372430,	8.4	33.6	10	1	US-10-360-222-42	Sequence 42, Appl
2460	8.8	35.2	12	1	US-10-257-017B-372754	Sequence 372754,	8.4	33.6	10	1	US-10-091-281-412	Sequence 412, App
2461	8.8	35.2	12	1	US-10-257-017B-373057	Sequence 373057,	8.4	33.6	10	1	US-10-360-222-18	Sequence 18, Appl
2462	8.8	35.2	12	1	US-10-257-017B-373078	Sequence 373078,	8.4	33.6	11	1	US-10-450-797-1213	Sequence 1213, Ap
2463	8.8	35.2	12	1	US-10-257-017B-373208	Sequence 373208,	8.4	33.6	11	1	US-10-450-797-1230	Sequence 1230, Ap
2464	8.8	35.2	12	1	US-10-257-017B-373296	Sequence 373296,	8.4	33.6	11	1	US-10-846-027-1	Sequence 1, Appli
2465	8.8	35.2	12	1	US-10-257-017B-373686	Sequence 373686,	8.4	33.6	11	1	US-10-846-027-2	Sequence 2, Appli
2466	8.8	35.2	12	1	US-10-257-017B-373877	Sequence 373877,	8.4	33.6	11	1	US-10-257-017B-304022	Sequence 304022,
2467	8.8	35.2	12	1	US-10-257-017B-373873	Sequence 373873,	8.4	33.6	12	1	US-10-257-017B-328136	Sequence 328136,
2468	8.8	35.2	12	1	US-10-257-017B-373953	Sequence 373953,	8.4	33.6	12	1	US-10-257-017B-358125	Sequence 358125,
2469	8.8	35.2	12	1	US-10-257-017B-373999	Sequence 373999,	8.4	33.6	12	1	US-10-257-017B-361672	Sequence 361672,
2470	8.8	35.2	12	1	US-10-257-017B-374058	Sequence 374058,	8.4	33.6	12	1	US-10-257-017B-283642	Sequence 283642,
2471	8.8	35.2	12	1	US-10-257-017B-374317	Sequence 374317,	8.4	33.6	12	1	US-10-257-017B-284249	Sequence 284249,
2472	8.8	35.2	12	1	US-10-257-017B-374781	Sequence 374781,	8.4	33.6	12	1	US-10-257-017B-312375	Sequence 312375,
2473	8.8	35.2	12	1	US-10-257-017B-374930	Sequence 374930,	8.4	33.6	12	1	US-10-257-017B-336439	Sequence 336439,
2474	8.8	35.2	12	1	US-10-257-017B-375718	Sequence 375718,	8.4	33.6	12	1	US-10-257-017B-356424	Sequence 356424,
2475	8.8	35.2	12	1	US-10-257-017B-375763	Sequence 375763,	8.4	33.6	12	1	US-10-257-017B-356424	Sequence 356424,
2476	8.8	35.2	12	1	US-10-257-017B-375869	Sequence 375869,	8.4	33.6	12	1	US-10-257-017B-272334	Sequence 272334,
2477	8.8	35.2	12	1	US-10-257-017B-376337	Sequence 376337,	8.4	33.6	12	1	US-10-257-017B-273987	Sequence 273987,
2478	8.8	35.2	12	1	US-10-257-017B-376503	Sequence 376503,	8.4	33.6	12	1	US-10-257-017B-275903	Sequence 275903,
2479	8.8	35.2	12	1	US-10-257-017B-376504	Sequence 376504,	8.4	33.6	12	1	US-10-257-017B-284250	Sequence 284250,
2480	8.8	35.2	12	1	US-10-257-017B-376630	Sequence 376630,	8.4	33.6	12	1	US-10-257-017B-297504	Sequence 297504,
2481	8.8	35.2	12	1	US-10-257-017B-376734	Sequence 376734,	8.4	33.6	12	1	US-10-257-017B-307428	Sequence 307428,
2482	8.8	35.2	12	1	US-10-257-017B-376832	Sequence 376832,	8.4	33.6	12	1	US-10-257-017B-317260	Sequence 317260,
2483	8.8	35.2	12	1	US-10-257-017B-376940	Sequence 376940,	8.4	33.6	12	1	US-10-257-017B-334394	Sequence 334394,
2484	8.8	35.2	12	1	US-10-257-017B-377112	Sequence 377112,	8.4	33.6	12	1	US-10-257-017B-357821	Sequence 357821,
2485	8.8	35.2	12	1	US-10-257-017B-377119	Sequence 377119,	8.4	33.6	12	1	US-10-257-017B-359875	Sequence 359875,
2486	8.8	35.2	12	1	US-10-257-017B-377151	Sequence 377151,	8.4	33.6	12	1	US-10-257-017B-370390	Sequence 370390,
2487	8.8	35.2	12	1	US-10-257-017B-377286	Sequence 377286,	8.4	33.6	12	1	US-10-257-017B-375763	Sequence 375763,
2488	8.8	35.2	12	1	US-10-257-017B-377359	Sequence 377359,	8.4	33.6	12	1	US-10-257-017B-376658	Sequence 376658,
2489	8.8	35.2	12	1	US-10-257-017B-377539	Sequence 377539,	8.4	33.6	12	1	US-09-943-115A-42	Sequence 42, Appl
2490	8.8	35.2	12	1	US-10-257-017B-377539	Sequence 377539,	8.4	33.6	12	1	US-09-943-115A-52	Sequence 52, Appl
2491	8.8	35.2	12	1	US-10-257-017B-377856	Sequence 377856,	8.4	33.6	12	1	US-10-142-662-10	Sequence 10, Appl
2492	8.8	35.2	12	1	US-10-257-017B-377976	Sequence 377976,	8.4	33.6	12	1	US-10-257-017B-267151	Sequence 267151,
2493	8.8	35.2	12	1	US-10-257-017B-378136	Sequence 378136,	8.4	33.6	12	1	US-10-257-017B-267319	Sequence 267319,
2494	8.8	35.2	12	1	US-10-257-017B-378259	Sequence 378259,	8.4	33.6	12	1	US-10-257-017B-267573	Sequence 267573,
2495	8.8	35.2	12	1	US-10-257-017B-378275	Sequence 378275,	8.4	33.6	12	1	US-10-257-017B-267575	Sequence 267575,
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2497	8.8	35.2	12	1	US-10-257-017B-378668	Sequence 378668,	8.4	33.6	12	1	US-10-257-017B-267650	Sequence 267650,
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2499	8.8	35.2	12	1	US-10-257-017B-378971	Sequence 378971,	8.4	33.6	12	1	US-10-257-017B-267767	Sequence 267767,
2500	8.8	35.2	12	1	US-10-257-017B-379031	Sequence 379031,	8.4	33.6	12	1	US-10-257-017B-267804	Sequence 267804,
2501	8.8	35.2	12	1	US-10-257-017B-379036	Sequence 379036,	8.4	33.6	12	1	US-10-257-017B-268057	Sequence 268057,
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2503	8.8	35.2	12	1	US-10-257-017B-379166	Sequence 379166,	8.4	33.6	12	1	US-10-257-017B-268293	Sequence 268293,
2504	8.8	35.2	12	1	US-10-257-017B-379362	Sequence 379362,	8.4	33.6	12	1	US-10-257-017B-268818	Sequence 268818,
2505	8.8	35.2	12	1	US-10-257-017B-379911	Sequence 379911,	8.4	33.6	12	1	US-10-257-017B-268910	Sequence 268910,
2506	8.8	35.2	12	1	US-10-257-017B-380019	Sequence 380019,	8.4	33.6	12	1	US-10-257-017B-268972	Sequence 268972,
2507	8.8	35.2	12	1	US-10-257-017B-380172	Sequence 380172,	8.4	33.6	12	1	US-10-257-017B-268995	Sequence 268995,
2508	8.8	35.2	12	1	US-10-257-017B-380266	Sequence 380266,	8.4	33.6	12	1	US-10-257-017B-269188	Sequence 269188,
2509	8.8	35.2	12	1	US-10-257-017B-380648	Sequence 380648,	8.4	33.6	12	1	US-10-257-017B-269330	Sequence 269330,
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2512	8.8	35.2	12	1	US-10-257-017B-381549	Sequence 381549,	8.4	33.6	12	1	US-10-257-017B-269440	Sequence 269440,
2513	8.8	35.2	12	1	US-10-257-017B-381957	Sequence 381957,	8.4	33.6	12	1	US-10-257-017B-269448	Sequence 269448,
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2515	8.8	35.2	12	1	US-10-480-343-125	Sequence 125, App	8.4	33.6	12	1	US-10-257-017B-269494	Sequence 269494,
			13	1	US-10-257-017B-263523	Sequence 263523,	8.4	33.6	12	1	US-10-257-017B-269811	Sequence 269811,

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c2591	8.4	33.6	12	1	US-10-257-017B-269873	Sequence 269873,	c2664	8.4	33.6	12	1	US-10-257-017B-279750	Sequence 279750,
c2592	8.4	33.6	12	1	US-10-257-017B-269921	Sequence 269921,	c2665	8.4	33.6	12	1	US-10-257-017B-280034	Sequence 280034,
c2593	8.4	33.6	12	1	US-10-257-017B-270088	Sequence 270088,	c2666	8.4	33.6	12	1	US-10-257-017B-280544	Sequence 280544,
c2594	8.4	33.6	12	1	US-10-257-017B-270244	Sequence 270244,	c2667	8.4	33.6	12	1	US-10-257-017B-280628	Sequence 280628,
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c2596	8.4	33.6	12	1	US-10-257-017B-270482	Sequence 270482,	c2669	8.4	33.6	12	1	US-10-257-017B-281153	Sequence 281153,
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c2601	8.4	33.6	12	1	US-10-257-017B-270989	Sequence 270989,	c2674	8.4	33.6	12	1	US-10-257-017B-281831	Sequence 281831,
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c2604	8.4	33.6	12	1	US-10-257-017B-271909	Sequence 271909,	c2677	8.4	33.6	12	1	US-10-257-017B-282220	Sequence 282220,
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c2608	8.4	33.6	12	1	US-10-257-017B-272785	Sequence 272785,	c2681	8.4	33.6	12	1	US-10-257-017B-283108	Sequence 283108,
c2609	8.4	33.6	12	1	US-10-257-017B-272819	Sequence 272819,	c2682	8.4	33.6	12	1	US-10-257-017B-283125	Sequence 283125,
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c2611	8.4	33.6	12	1	US-10-257-017B-273044	Sequence 273044,	c2684	8.4	33.6	12	1	US-10-257-017B-283451	Sequence 283451,
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c2617	8.4	33.6	12	1	US-10-257-017B-273936	Sequence 273936,	c2690	8.4	33.6	12	1	US-10-257-017B-284189	Sequence 284189,
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c2619	8.4	33.6	12	1	US-10-257-017B-274241	Sequence 274241,	c2692	8.4	33.6	12	1	US-10-257-017B-284488	Sequence 284488,
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c2629	8.4	33.6	12	1	US-10-257-017B-275290	Sequence 275290,	c2702	8.4	33.6	12	1	US-10-257-017B-285706	Sequence 285706,
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c2631	8.4	33.6	12	1	US-10-257-017B-276527	Sequence 276527,	c2704	8.4	33.6	12	1	US-10-257-017B-285801	Sequence 285801,
c2632	8.4	33.6	12	1	US-10-257-017B-276637	Sequence 276637,	c2705	8.4	33.6	12	1	US-10-257-017B-285954	Sequence 285954,
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c2634	8.4	33.6	12	1	US-10-257-017B-276727	Sequence 276727,	c2707	8.4	33.6	12	1	US-10-257-017B-286077	Sequence 286077,
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c2636	8.4	33.6	12	1	US-10-257-017B-276975	Sequence 276975,	c2709	8.4	33.6	12	1	US-10-257-017B-286221	Sequence 286221,
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c2639	8.4	33.6	12	1	US-10-257-017B-277203	Sequence 277203,	c2712	8.4	33.6	12	1	US-10-257-017B-286438	Sequence 286438,
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c2642	8.4	33.6	12	1	US-10-257-017B-277537	Sequence 277537,	c2715	8.4	33.6	12	1	US-10-257-017B-287249	Sequence 287249,
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c2644	8.4	33.6	12	1	US-10-257-017B-277738	Sequence 277738,	c2717	8.4	33.6	12	1	US-10-257-017B-287988	Sequence 287988,
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c2650	8.4	33.6	12	1	US-10-257-017B-278364	Sequence 278364,	c2723	8.4	33.6	12	1	US-10-257-017B-288441	Sequence 288441,
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c2652	8.4	33.6	12	1	US-10-257-017B-278548	Sequence 278548,	c2725	8.4	33.6	12	1	US-10-257-017B-288504	Sequence 288504,
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c2658	8.4	33.6	12	1	US-10-257-017B-279162	Sequence 279162,	c2731	8.4	33.6	12	1	US-10-257-017B-290001	Sequence 290001,
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2913	8.4	33.6	12	1	US-10-257-017B-321032	Sequence 321032,	C2986	8.4	33.6	12	1	US-10-257-017B-335295	Sequence 335295,
2914	8.4	33.6	12	1	US-10-257-017B-321038	Sequence 321038,	C2987	8.4	33.6	12	1	US-10-257-017B-335356	Sequence 335356,
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2916	8.4	33.6	12	1	US-10-257-017B-321330	Sequence 321330,	C2989	8.4	33.6	12	1	US-10-257-017B-335518	Sequence 335518,
2917	8.4	33.6	12	1	US-10-257-017B-321333	Sequence 321333,	C2990	8.4	33.6	12	1	US-10-257-017B-335502	Sequence 335502,
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2919	8.4	33.6	12	1	US-10-257-017B-322107	Sequence 322107,	C2992	8.4	33.6	12	1	US-10-257-017B-335866	Sequence 335866,
2920	8.4	33.6	12	1	US-10-257-017B-322242	Sequence 322242,	C2993	8.4	33.6	12	1	US-10-257-017B-335913	Sequence 335913,
2921	8.4	33.6	12	1	US-10-257-017B-322246	Sequence 322246,	C2994	8.4	33.6	12	1	US-10-257-017B-335991	Sequence 335991,
2922	8.4	33.6	12	1	US-10-257-017B-322691	Sequence 322691,	C2995	8.4	33.6	12	1	US-10-257-017B-336134	Sequence 336134,
2923	8.4	33.6	12	1	US-10-257-017B-322711	Sequence 322711,	C2996	8.4	33.6	12	1	US-10-257-017B-336390	Sequence 336390,
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2932	8.4	33.6	12	1	US-10-257-017B-324998	Sequence 324998,	C3004	8.4	33.6	12	1	US-10-257-017B-337951	Sequence 337951,
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2934	8.4	33.6	12	1	US-10-257-017B-325566	Sequence 325566,	C3006	8.4	33.6	12	1	US-10-257-017B-338147	Sequence 338147,
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2939	8.4	33.6	12	1	US-10-257-017B-325947	Sequence 325947,	C3011	8.4	33.6	12	1	US-10-257-017B-338762	Sequence 338762,
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2944	8.4	33.6	12	1	US-10-257-017B-327601	Sequence 327601,	C3016	8.4	33.6	12	1	US-10-257-017B-339130	Sequence 339130,
2945	8.4	33.6	12	1	US-10-257-017B-327632	Sequence 327632,	C3017	8.4	33.6	12	1	US-10-257-017B-339166	Sequence 339166,
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C3099	8.4	33.6	12	1	US-10-257-017B-345783	Sequence 345783,	C3172	8.4	33.6	12	1	US-10-257-017B-354013	Sequence 354013,



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3174	8.4	33.6	12	1	US-10-257-017B-354086	Sequence 354086,	c3247	8.4	33.6	12	1	US-10-257-017B-364114	Sequence 364114,
3175	8.4	33.6	12	1	US-10-257-017B-354107	Sequence 354107,	c3248	8.4	33.6	12	1	US-10-257-017B-364410	Sequence 364410,
3176	8.4	33.6	12	1	US-10-257-017B-354178	Sequence 354178,	c3249	8.4	33.6	12	1	US-10-257-017B-364507	Sequence 364507,
c3177	8.4	33.6	12	1	US-10-257-017B-354467	Sequence 354467,	c3250	8.4	33.6	12	1	US-10-257-017B-364854	Sequence 364854,
3178	8.4	33.6	12	1	US-10-257-017B-354793	Sequence 354793,	c3251	8.4	33.6	12	1	US-10-257-017B-364881	Sequence 364881,
c3179	8.4	33.6	12	1	US-10-257-017B-354883	Sequence 354883,	c3252	8.4	33.6	12	1	US-10-257-017B-365031	Sequence 365031,
3180	8.4	33.6	12	1	US-10-257-017B-354922	Sequence 354922,	c3253	8.4	33.6	12	1	US-10-257-017B-365032	Sequence 365032,
c3181	8.4	33.6	12	1	US-10-257-017B-354923	Sequence 354923,	c3254	8.4	33.6	12	1	US-10-257-017B-365062	Sequence 365062,
c3182	8.4	33.6	12	1	US-10-257-017B-355022	Sequence 355022,	c3255	8.4	33.6	12	1	US-10-257-017B-365213	Sequence 365213,
c3183	8.4	33.6	12	1	US-10-257-017B-355023	Sequence 355023,	c3256	8.4	33.6	12	1	US-10-257-017B-365231	Sequence 365231,
c3184	8.4	33.6	12	1	US-10-257-017B-355074	Sequence 355074,	c3257	8.4	33.6	12	1	US-10-257-017B-365287	Sequence 365287,
c3185	8.4	33.6	12	1	US-10-257-017B-355115	Sequence 355115,	c3258	8.4	33.6	12	1	US-10-257-017B-365351	Sequence 365351,
c3186	8.4	33.6	12	1	US-10-257-017B-355151	Sequence 355151,	c3259	8.4	33.6	12	1	US-10-257-017B-365434	Sequence 365434,
c3187	8.4	33.6	12	1	US-10-257-017B-355197	Sequence 355197,	c3260	8.4	33.6	12	1	US-10-257-017B-365439	Sequence 365439,
c3188	8.4	33.6	12	1	US-10-257-017B-355373	Sequence 355373,	c3261	8.4	33.6	12	1	US-10-257-017B-365587	Sequence 365587,
c3189	8.4	33.6	12	1	US-10-257-017B-355500	Sequence 355500,	c3262	8.4	33.6	12	1	US-10-257-017B-365705	Sequence 365705,
c3190	8.4	33.6	12	1	US-10-257-017B-355502	Sequence 355502,	c3263	8.4	33.6	12	1	US-10-257-017B-365710	Sequence 365710,
c3191	8.4	33.6	12	1	US-10-257-017B-355572	Sequence 355572,	c3264	8.4	33.6	12	1	US-10-257-017B-365822	Sequence 365822,
c3192	8.4	33.6	12	1	US-10-257-017B-355793	Sequence 355793,	c3265	8.4	33.6	12	1	US-10-257-017B-365854	Sequence 365854,
c3193	8.4	33.6	12	1	US-10-257-017B-355898	Sequence 355898,	c3266	8.4	33.6	12	1	US-10-257-017B-365934	Sequence 365934,
c3194	8.4	33.6	12	1	US-10-257-017B-356203	Sequence 356203,	c3267	8.4	33.6	12	1	US-10-257-017B-366012	Sequence 366012,
c3195	8.4	33.6	12	1	US-10-257-017B-356219	Sequence 356219,	c3268	8.4	33.6	12	1	US-10-257-017B-366081	Sequence 366081,
c3196	8.4	33.6	12	1	US-10-257-017B-356454	Sequence 356454,	c3269	8.4	33.6	12	1	US-10-257-017B-366089	Sequence 366089,
c3197	8.4	33.6	12	1	US-10-257-017B-356475	Sequence 356475,	c3270	8.4	33.6	12	1	US-10-257-017B-366093	Sequence 366093,
c3198	8.4	33.6	12	1	US-10-257-017B-356515	Sequence 356515,	c3271	8.4	33.6	12	1	US-10-257-017B-366114	Sequence 366114,
c3199	8.4	33.6	12	1	US-10-257-017B-356583	Sequence 356583,	c3272	8.4	33.6	12	1	US-10-257-017B-366146	Sequence 366146,
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c3201	8.4	33.6	12	1	US-10-257-017B-356946	Sequence 356946,	c3274	8.4	33.6	12	1	US-10-257-017B-366318	Sequence 366318,
c3202	8.4	33.6	12	1	US-10-257-017B-357062	Sequence 357062,	c3275	8.4	33.6	12	1	US-10-257-017B-366332	Sequence 366332,
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c3205	8.4	33.6	12	1	US-10-257-017B-357320	Sequence 357320,	c3278	8.4	33.6	12	1	US-10-257-017B-366573	Sequence 366573,
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c3208	8.4	33.6	12	1	US-10-257-017B-357476	Sequence 357476,	c3281	8.4	33.6	12	1	US-10-257-017B-366839	Sequence 366839,
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c3217	8.4	33.6	12	1	US-10-257-017B-359057	Sequence 359057,	c3290	8.4	33.6	12	1	US-10-257-017B-368657	Sequence 368657,
c3218	8.4	33.6	12	1	US-10-257-017B-359328	Sequence 359328,	c3291	8.4	33.6	12	1	US-10-257-017B-368673	Sequence 368673,
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c3228	8.4	33.6	12	1	US-10-257-017B-361481	Sequence 361481,	c3301	8.4	33.6	12	1	US-10-257-017B-369478	Sequence 369478,
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c3241	8.4	33.6	12	1	US-10-257-017B-363281	Sequence 363281,	c3314	8.4	33.6	12	1	US-10-257-017B-371223	Sequence 371223,
c3242	8.4	33.6	12	1	US-10-257-017B-363472	Sequence 363472,	c3315	8.4	33.6	12	1	US-10-257-017B-371409	Sequence 371409,
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c3244	8.4	33.6	12	1	US-10-257-017B-363892	Sequence 363892,	c3317	8.4	33.6	12	1	US-10-257-017B-371538	Sequence 371538,
c3245	8.4	33.6	12	1	US-10-257-017B-363937	Sequence 363937,	c3318	8.4	33.6	12	1	US-10-257-017B-371597	Sequence 371597,

C3319	8.4	33.6	12	1	US-10-257-017B-371760	Sequence 371760,	C3392	8.4	33.6	12	1	US-10-257-017B-380476	Sequence 380476,
C3320	8.4	33.6	12	1	US-10-257-017B-371782	Sequence 371782,	3393	8.4	33.6	12	1	US-10-257-017B-380713	Sequence 380713,
C3321	8.4	33.6	12	1	US-10-257-017B-372085	Sequence 372085,	C3394	8.4	33.6	12	1	US-10-257-017B-380742	Sequence 380742,
C3322	8.4	33.6	12	1	US-10-257-017B-372556	Sequence 372556,	3395	8.4	33.6	12	1	US-10-257-017B-380745	Sequence 380745,
C3323	8.4	33.6	12	1	US-10-257-017B-372768	Sequence 372768,	C3396	8.4	33.6	12	1	US-10-257-017B-380840	Sequence 380840,
C3324	8.4	33.6	12	1	US-10-257-017B-372805	Sequence 372805,	3397	8.4	33.6	12	1	US-10-257-017B-381113	Sequence 381113,
C3325	8.4	33.6	12	1	US-10-257-017B-373058	Sequence 373058,	3398	8.4	33.6	12	1	US-10-257-017B-381205	Sequence 381205,
C3326	8.4	33.6	12	1	US-10-257-017B-373059	Sequence 373059,	C3399	8.4	33.6	12	1	US-10-257-017B-381318	Sequence 381318,
C3327	8.4	33.6	12	1	US-10-257-017B-373192	Sequence 373192,	3400	8.4	33.6	12	1	US-10-257-017B-381428	Sequence 381428,
C3328	8.4	33.6	12	1	US-10-257-017B-373333	Sequence 373333,	3401	8.4	33.6	12	1	US-10-257-017B-381621	Sequence 381621,
C3329	8.4	33.6	12	1	US-10-257-017B-373653	Sequence 373653,	3402	8.4	33.6	12	1	US-10-257-017B-381673	Sequence 381673,
C3330	8.4	33.6	12	1	US-10-257-017B-373920	Sequence 373920,	C3403	8.4	33.6	12	1	US-10-257-017B-381698	Sequence 381698,
C3331	8.4	33.6	12	1	US-10-257-017B-374051	Sequence 374051,	3404	8.4	33.6	12	1	US-10-257-017B-381794	Sequence 381794,
C3332	8.4	33.6	12	1	US-10-257-017B-374090	Sequence 374090,	3405	8.4	33.6	12	1	US-10-257-017B-381907	Sequence 381907,
C3333	8.4	33.6	12	1	US-10-257-017B-374170	Sequence 374170,	3406	8.4	33.6	12	1	US-10-257-017B-381916	Sequence 381916,
C3334	8.4	33.6	12	1	US-10-257-017B-374357	Sequence 374357,	C3407	8.4	33.6	12	1	US-10-257-017B-381960	Sequence 381960,
C3335	8.4	33.6	12	1	US-10-257-017B-374373	Sequence 374373,	C3408	8.4	33.6	12	1	US-10-933-855-10	Sequence 10, Appl
C3336	8.4	33.6	12	1	US-10-257-017B-374454	Sequence 374454,							
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C3338	8.4	33.6	12	1	US-10-257-017B-374738	Sequence 374738,							
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C3340	8.4	33.6	12	1	US-10-257-017B-374910	Sequence 374910,							
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C3342	8.4	33.6	12	1	US-10-257-017B-375359	Sequence 375359,							
C3343	8.4	33.6	12	1	US-10-257-017B-375373	Sequence 375373,							
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C3345	8.4	33.6	12	1	US-10-257-017B-375704	Sequence 375704,							
C3346	8.4	33.6	12	1	US-10-257-017B-375705	Sequence 375705,							
C3347	8.4	33.6	12	1	US-10-257-017B-375729	Sequence 375729,							
C3348	8.4	33.6	12	1	US-10-257-017B-375879	Sequence 375879,							
C3349	8.4	33.6	12	1	US-10-257-017B-375918	Sequence 375918,							
C3350	8.4	33.6	12	1	US-10-257-017B-376024	Sequence 376024,							
C3351	8.4	33.6	12	1	US-10-257-017B-376112	Sequence 376112,							
C3352	8.4	33.6	12	1	US-10-257-017B-376285	Sequence 376285,							
C3353	8.4	33.6	12	1	US-10-257-017B-376286	Sequence 376286,							
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C3356	8.4	33.6	12	1	US-10-257-017B-376577	Sequence 376577,							
C3357	8.4	33.6	12	1	US-10-257-017B-376653	Sequence 376653,							
C3358	8.4	33.6	12	1	US-10-257-017B-376707	Sequence 376707,							
C3359	8.4	33.6	12	1	US-10-257-017B-376739	Sequence 376739,							
C3360	8.4	33.6	12	1	US-10-257-017B-376984	Sequence 376984,							
C3361	8.4	33.6	12	1	US-10-257-017B-377157	Sequence 377157,							
C3362	8.4	33.6	12	1	US-10-257-017B-377496	Sequence 377496,							
C3363	8.4	33.6	12	1	US-10-257-017B-377552	Sequence 377552,							
C3364	8.4	33.6	12	1	US-10-257-017B-377654	Sequence 377654,							
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C3366	8.4	33.6	12	1	US-10-257-017B-378055	Sequence 378055,							
C3367	8.4	33.6	12	1	US-10-257-017B-378219	Sequence 378219,							
C3368	8.4	33.6	12	1	US-10-257-017B-378256	Sequence 378256,							
C3369	8.4	33.6	12	1	US-10-257-017B-378614	Sequence 378614,							
C3370	8.4	33.6	12	1	US-10-257-017B-378626	Sequence 378626,							
C3371	8.4	33.6	12	1	US-10-257-017B-378725	Sequence 378725,							
C3372	8.4	33.6	12	1	US-10-257-017B-378739	Sequence 378739,							
C3373	8.4	33.6	12	1	US-10-257-017B-378951	Sequence 378951,							
C3374	8.4	33.6	12	1	US-10-257-017B-378982	Sequence 378982,							
C3375	8.4	33.6	12	1	US-10-257-017B-379049	Sequence 379049,							
C3376	8.4	33.6	12	1	US-10-257-017B-379203	Sequence 379203,							
C3377	8.4	33.6	12	1	US-10-257-017B-379452	Sequence 379452,							
C3378	8.4	33.6	12	1	US-10-257-017B-379459	Sequence 379459,							
C3379	8.4	33.6	12	1	US-10-257-017B-379499	Sequence 379499,							
C3380	8.4	33.6	12	1	US-10-257-017B-379505	Sequence 379505,							
C3381	8.4	33.6	12	1	US-10-257-017B-379530	Sequence 379530,							
C3382	8.4	33.6	12	1	US-10-257-017B-379715	Sequence 379715,							
C3383	8.4	33.6	12	1	US-10-257-017B-379959	Sequence 379959,							
C3384	8.4	33.6	12	1	US-10-257-017B-379959	Sequence 379959,							
C3385	8.4	33.6	12	1	US-10-257-017B-379969	Sequence 379969,							
C3386	8.4	33.6	12	1	US-10-257-017B-380064	Sequence 380064,							
C3387	8.4	33.6	12	1	US-10-257-017B-380078	Sequence 380078,							
C3388	8.4	33.6	12	1	US-10-257-017B-380088	Sequence 380088,							
C3389	8.4	33.6	12	1	US-10-257-017B-380198	Sequence 380198,							
C3390	8.4	33.6	12	1	US-10-257-017B-380264	Sequence 380264,							
C3391	8.4	33.6	12	1	US-10-257-017B-380319	Sequence 380319,							
C3391	8.4	33.6	12	1	US-10-257-017B-380391	Sequence 380391,							

## ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 15:04:57 ; Search time 3 Seconds  
(without alignments)  
0.712 Million cell updates/sec

Title: us-10-088-666-73

Perfect score: 25  
Sequence: 1 tcgagaataattgaataatattag 25

Scoring table: IDENTITY NUC  
Gapop 10\_0 , Gapext 0.5

Searched: 3445 seqs, 42691 residues

Total number of hits satisfying chosen parameters: 6890

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 3505 summaries

Database : 73rngdb.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	25	100.0	25	1	AAPE61638
2	13.8	55.2	17	1	ABK57249
3	12.4	49.6	16	1	AAV06839
4	12.2	48.8	17	1	ABV83043
5	12.2	48.8	17	1	ABK55635
6	12.2	48.8	17	1	ABK55637
7	12.2	48.8	17	1	ACC63596
8	12.2	48.8	17	1	ADB42233
9	12	48.0	12	1	AB133173
10	12	48.0	12	1	AB131265
11	12	48.0	13	1	ABF47136
12	12	48.0	13	1	ABF47137
13	12	48.0	17	1	ABZ61179
14	11.8	47.2	15	1	AAV55801
15	11.8	47.2	15	1	AAV55817
16	11.8	47.2	15	1	AAV56338
17	11.6	46.4	13	1	ABH30144
18	11.6	46.4	13	1	ABH30145
19	11.4	45.6	13	1	ABH30145
20	11.4	45.6	13	1	ABH30145
21	11.4	45.6	13	1	ABH30145
22	11.4	45.6	13	1	ABH30145
23	11.4	45.6	13	1	ABH30145
24	11.4	45.6	13	1	ABH30145
25	11.4	45.6	13	1	ABH30145
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30	11.4	45.6	13	1	ABH30145
31	11.4	45.6	13	1	ABH30145
32	11.4	45.6	13	1	ABH30145
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C 34	11.4	45.6	13	1	ABC02789	Oligonucleotide SE
C 35	11.4	45.6	13	1	ABF96335	Oligonucleotide SE
C 36	11.4	45.6	13	1	ABG69533	Oligonucleotide SE
C 37	11.4	45.6	13	1	ABC31660	Oligonucleotide SE
C 38	11.4	45.6	13	1	ABH22069	Oligonucleotide SE
C 39	11.4	45.6	13	1	ABC50953	Oligonucleotide SE
C 40	11.4	45.6	13	1	ABH02691	Oligonucleotide SE
C 41	11.4	45.6	13	1	ABH63547	Oligonucleotide SE
C 42	11.4	45.6	13	1	ABC02788	Oligonucleotide SE
C 43	11.4	45.6	13	1	ABF19190	Oligonucleotide SE
C 44	11.4	45.6	13	1	ABH60175	Oligonucleotide SE
C 45	11.4	45.6	13	1	ABC50968	Oligonucleotide SE
C 46	11.4	45.6	13	1	ABF54210	Oligonucleotide SE
C 47	11.4	45.6	13	1	ABH48029	Oligonucleotide SE
C 48	11.4	45.6	13	1	ABH60174	Oligonucleotide SE
C 49	11.4	45.6	13	1	ABC50969	Oligonucleotide SE
C 50	11.4	45.6	13	1	ABF96334	Oligonucleotide SE
C 51	11.4	45.6	13	1	ABG69532	Oligonucleotide SE
C 52	11.4	45.6	13	1	ABH48028	Oligonucleotide SE
C 53	11.4	45.6	13	1	ABH63546	Oligonucleotide SE
C 54	11.4	45.6	13	1	ABF74776	Oligonucleotide SE
C 55	11	44.0	11	1	ABV55347	Human skin EST 313
C 56	11	44.0	12	1	AB102726	Oligonucleotide pr
C 57	11	44.0	12	1	AB100230	Oligonucleotide pr
C 58	11	44.0	12	1	AB131264	Oligonucleotide pr
C 59	11	44.0	12	1	AB164091	Oligonucleotide pr
C 60	11	44.0	12	1	AB132117	Oligonucleotide pr
C 61	11	44.0	12	1	AB132693	Oligonucleotide pr
C 62	11	44.0	12	1	ABH92434	Oligonucleotide pr
C 63	11	44.0	12	1	AB152285	Oligonucleotide pr
C 64	11	44.0	12	1	ABH72768	Oligonucleotide pr
C 65	11	44.0	12	1	ABH83945	Oligonucleotide pr
C 66	11	44.0	12	1	AB143654	Oligonucleotide pr
C 67	11	44.0	13	1	AB16898	Oligonucleotide SE
C 68	11	44.0	13	1	ABF45147	Oligonucleotide SE
C 69	11	44.0	13	1	ABF83261	Oligonucleotide SE
C 70	11	44.0	13	1	ABC06462	Oligonucleotide SE
C 71	11	44.0	13	1	ABC16899	Oligonucleotide SE
C 72	11	44.0	13	1	ABH46146	Oligonucleotide SE
C 73	11	44.0	13	1	ABC07432	Oligonucleotide SE
C 74	11	44.0	13	1	ABF45146	Oligonucleotide SE
C 75	11	44.0	13	1	ABF83260	Oligonucleotide SE
C 76	11	44.0	13	1	ABC20799	Oligonucleotide SE
C 77	11	44.0	13	1	ABC30998	Oligonucleotide SE
C 78	11	44.0	13	1	ABH52365	Oligonucleotide SE
C 79	11	44.0	13	1	ABC20798	Oligonucleotide SE
C 80	11	44.0	13	1	ABC03214	Oligonucleotide SE
C 81	11	44.0	13	1	ABC06463	Oligonucleotide SE
C 82	11	44.0	13	1	ABF84986	Oligonucleotide SE
C 83	11	44.0	13	1	ABH46147	Oligonucleotide SE
C 84	11	44.0	13	1	ABC20800	Oligonucleotide SE
C 85	11	44.0	13	1	ABF84987	Oligonucleotide SE
C 86	11	44.0	13	1	ABH52364	Oligonucleotide SE
C 87	11	44.0	13	1	ABC20801	Oligonucleotide SE
C 88	11	44.0	13	1	ABC03215	Oligonucleotide SE
C 89	11	44.0	13	1	ABC07433	Oligonucleotide SE
C 90	11	44.0	13	1	ABF49187	Oligonucleotide SE
C 91	10.8	43.2	14	1	ADH70479	Human Vbeta gene z
C 92	10.8	43.2	14	1	ADH70479	Human Vbeta gene z
C 93	10.8	43.2	15	1	AAT56350	Mouse TNF-a hammer
C 94	10.8	43.2	15	1	AAT57056	RSV IC hammerhead
C 95	10.8	43.2	15	1	AAT55803	Human TNF-alpha ha
C 96	10.8	43.2	15	1	AAT55815	Human TNF-alpha ha
C 97	10.8	43.2	15	1	AAT55819	Human TNF-alpha ha
C 98	10.8	43.2	15	1	AAT55799	Human TNF-alpha ha
C 99	10.8	43.2	15	1	AAT56342	Mouse TNF-a hammer
C 100	10.8	43.2	15	1	AAT56332	Mouse TNF-a hammer
C 101	10.8	43.2	15	1	AAH66233	Mouse B7-2 hammerh
C 102	10.8	43.2	15	1	AAH66337	Mouse B7-2 hammerh
C 103	10.8	43.2	15	1	AAV49188	rb gene antisense
C 104	10.8	43.2	15	1	AAH05946	Primer A (tdhl) fo
C 105	10.8	43.2	15	1	AAH21905	Probe for E. coli
C 106	10.6	42.4	13	1	ABF96883	Oligonucleotide SE

107	10.6	42.4	13	1	ABC88545	Oligonucleotide SE	C 180	10.4	41.6	13	1	ABF71711	Oligonucleotide SE
108	10.6	42.4	13	1	ABF96882	Oligonucleotide SE	C 181	10.4	41.6	13	1	ABF56346	Oligonucleotide SE
C 109	10.6	42.4	13	1	ABC88544	Oligonucleotide SE	C 182	10.4	41.6	13	1	ABF57659	Oligonucleotide SE
C 110	10.4	41.6	12	1	ABH81250	Oligonucleotide pr	C 183	10.4	41.6	13	1	ABH39019	Oligonucleotide SE
C 111	10.4	41.6	12	1	ABH71610	Oligonucleotide pr	C 184	10.4	41.6	13	1	ABH46626	Oligonucleotide SE
C 112	10.4	41.6	12	1	AB125776	Oligonucleotide pr	C 185	10.4	41.6	13	1	ABC47412	Oligonucleotide SE
C 113	10.4	41.6	12	1	AB181154	Oligonucleotide pr	C 186	10.4	41.6	13	1	ABC48717	Oligonucleotide SE
C 114	10.4	41.6	12	1	AB181797	Oligonucleotide pr	C 187	10.4	41.6	13	1	ABC55562	Oligonucleotide SE
C 115	10.4	41.6	12	1	ABH82112	Oligonucleotide pr	C 188	10.4	41.6	13	1	ABF31705	Oligonucleotide SE
C 116	10.4	41.6	12	1	ABH82492	Oligonucleotide pr	C 189	10.4	41.6	13	1	ABF41098	Oligonucleotide SE
C 117	10.4	41.6	12	1	ABH90157	Oligonucleotide pr	C 190	10.4	41.6	13	1	ABF41099	Oligonucleotide SE
C 118	10.4	41.6	12	1	AB153154	Oligonucleotide pr	C 191	10.4	41.6	13	1	ABH31143	Oligonucleotide SE
C 119	10.4	41.6	12	1	AB170449	Oligonucleotide pr	C 192	10.4	41.6	13	1	ABH55812	Oligonucleotide SE
C 120	10.4	41.6	12	1	AB177816	Oligonucleotide pr	C 193	10.4	41.6	13	1	ABC48716	Oligonucleotide SE
C 121	10.4	41.6	12	1	AB121599	Oligonucleotide pr	C 194	10.4	41.6	13	1	ABF37288	Oligonucleotide SE
C 122	10.4	41.6	12	1	AB104049	Oligonucleotide pr	C 195	10.4	41.6	13	1	ABF42571	Oligonucleotide SE
C 123	10.4	41.6	12	1	AB107832	Oligonucleotide pr	C 196	10.4	41.6	13	1	ABF94658	Oligonucleotide SE
C 124	10.4	41.6	12	1	AB101603	Oligonucleotide pr	C 197	10.4	41.6	13	1	ABF71524	Oligonucleotide SE
C 125	10.4	41.6	12	1	AB158152	Oligonucleotide pr	C 198	10.4	41.6	13	1	ABH01333	Oligonucleotide SE
C 126	10.4	41.6	12	1	AB128163	Oligonucleotide pr	C 199	10.4	41.6	13	1	ABF51811	Oligonucleotide SE
C 127	10.4	41.6	12	1	AB158954	Oligonucleotide pr	C 200	10.4	41.6	13	1	ABH06820	Oligonucleotide SE
C 128	10.4	41.6	12	1	AB165085	Oligonucleotide pr	C 201	10.4	41.6	13	1	ABF91849	Oligonucleotide SE
C 129	10.4	41.6	12	1	ABH84259	Oligonucleotide pr	C 202	10.4	41.6	13	1	ABH62138	Oligonucleotide SE
C 130	10.4	41.6	12	1	AB164988	Oligonucleotide pr	C 203	10.4	41.6	13	1	ABH62139	Oligonucleotide SE
C 131	10.4	41.6	12	1	AB167285	Oligonucleotide pr	C 204	10.4	41.6	13	1	ABC32555	Oligonucleotide SE
C 132	10.4	41.6	12	1	ABH70779	Oligonucleotide pr	C 205	10.4	41.6	13	1	ABF38345	Oligonucleotide SE
C 133	10.4	41.6	12	1	AB152501	Oligonucleotide pr	C 206	10.4	41.6	13	1	ABF71525	Oligonucleotide SE
C 134	10.4	41.6	12	1	AB153535	Oligonucleotide pr	C 207	10.4	41.6	13	1	ABF49788	Oligonucleotide SE
C 135	10.4	41.6	12	1	AB161699	Oligonucleotide pr	C 208	10.4	41.6	13	1	ABH01676	Oligonucleotide SE
C 136	10.4	41.6	12	1	AB105283	Oligonucleotide pr	C 209	10.4	41.6	13	1	ABH28002	Oligonucleotide SE
C 137	10.4	41.6	12	1	AB150833	Oligonucleotide pr	C 210	10.4	41.6	13	1	ABH49342	Oligonucleotide SE
C 138	10.4	41.6	12	1	AB105788	Oligonucleotide pr	C 211	10.4	41.6	13	1	ABH53079	Oligonucleotide SE
C 139	10.4	41.6	12	1	AB141404	Oligonucleotide pr	C 212	10.4	41.6	13	1	ABF02527	Oligonucleotide SE
C 140	10.4	41.6	12	1	AB156786	Oligonucleotide pr	C 213	10.4	41.6	13	1	ABH25128	Oligonucleotide SE
C 141	10.4	41.6	12	1	AB166485	Oligonucleotide pr	C 214	10.4	41.6	13	1	ABH25129	Oligonucleotide SE
C 142	10.4	41.6	12	1	ABH95259	Oligonucleotide pr	C 215	10.4	41.6	13	1	ABF51810	Oligonucleotide SE
C 143	10.4	41.6	12	1	ABT02426	Oligonucleotide pr	C 216	10.4	41.6	13	1	ABF57658	Oligonucleotide SE
C 144	10.4	41.6	12	1	ABH82551	Oligonucleotide pr	C 217	10.4	41.6	13	1	ABF91848	Oligonucleotide SE
C 145	10.4	41.6	12	1	AB137065	Oligonucleotide pr	C 218	10.4	41.6	13	1	ABF67161	Oligonucleotide SE
C 146	10.4	41.6	12	1	AB148405	Oligonucleotide pr	C 219	10.4	41.6	13	1	ABC03224	Oligonucleotide SE
C 147	10.4	41.6	12	1	ABH89289	Oligonucleotide pr	C 220	10.4	41.6	13	1	ABC55563	Oligonucleotide SE
C 148	10.4	41.6	12	1	AB119279	Oligonucleotide pr	C 221	10.4	41.6	13	1	ABC06212	Oligonucleotide SE
C 149	10.4	41.6	12	1	ABH82920	Oligonucleotide pr	C 222	10.4	41.6	13	1	ABH39018	Oligonucleotide SE
C 150	10.4	41.6	12	1	AB112343	Oligonucleotide pr	C 223	10.4	41.6	13	1	ABH16128	Oligonucleotide SE
C 151	10.4	41.6	12	1	AB137708	Oligonucleotide pr	C 224	10.4	41.6	13	1	ABF38344	Oligonucleotide SE
C 152	10.4	41.6	12	1	AB144126	Oligonucleotide pr	C 225	10.4	41.6	13	1	ABF39004	Oligonucleotide SE
C 153	10.4	41.6	12	1	AB178803	Oligonucleotide pr	C 226	10.4	41.6	13	1	ABC47413	Oligonucleotide SE
C 154	10.4	41.6	12	1	ABH84804	Oligonucleotide pr	C 227	10.4	41.6	13	1	ABC48715	Oligonucleotide SE
C 155	10.4	41.6	13	1	ABC95872	Oligonucleotide SE	C 228	10.4	41.6	13	1	ABH28003	Oligonucleotide SE
C 156	10.4	41.6	13	1	ABF02526	Oligonucleotide SE	C 229	10.4	41.6	13	1	ABH31142	Oligonucleotide SE
C 157	10.4	41.6	13	1	ABC06213	Oligonucleotide SE	C 230	10.4	41.6	13	1	ABH31803	Oligonucleotide SE
C 158	10.4	41.6	13	1	ABC59356	Oligonucleotide SE	C 231	10.4	41.6	13	1	ABF64819	Oligonucleotide SE
C 159	10.4	41.6	13	1	ABC63410	Oligonucleotide SE	C 232	10.4	41.6	13	1	ABH40332	Oligonucleotide SE
C 160	10.4	41.6	13	1	ABC63411	Oligonucleotide SE	C 233	10.4	41.6	13	1	ABH56561	Oligonucleotide SE
C 161	10.4	41.6	13	1	ABF73503	Oligonucleotide SE	C 234	10.4	41.6	13	1	ABC04461	Oligonucleotide SE
C 162	10.4	41.6	13	1	ABF90005	Oligonucleotide SE	C 235	10.4	41.6	13	1	ABC59357	Oligonucleotide SE
C 163	10.4	41.6	13	1	ABH16607	Oligonucleotide SE	C 236	10.4	41.6	13	1	ABF49789	Oligonucleotide SE
C 164	10.4	41.6	13	1	ABH53078	Oligonucleotide SE	C 237	10.4	41.6	13	1	ABF56347	Oligonucleotide SE
C 165	10.4	41.6	13	1	ABF42570	Oligonucleotide SE	C 238	10.4	41.6	13	1	ABH49343	Oligonucleotide SE
C 166	10.4	41.6	13	1	ABF47135	Oligonucleotide SE	C 239	10.4	41.6	13	1	ABH55813	Oligonucleotide SE
C 167	10.4	41.6	13	1	ABF73502	Oligonucleotide SE	C 240	10.4	41.6	13	1	ABC20655	Oligonucleotide SE
C 168	10.4	41.6	13	1	ABH31802	Oligonucleotide SE	C 241	10.4	41.6	13	1	ABC32554	Oligonucleotide SE
C 169	10.4	41.6	13	1	ABH55214	Oligonucleotide SE	C 242	10.4	41.6	13	1	ABF37289	Oligonucleotide SE
C 170	10.4	41.6	13	1	ABH56560	Oligonucleotide SE	C 243	10.4	41.6	13	1	ABF70648	Oligonucleotide SE
C 171	10.4	41.6	13	1	ABC12405	Oligonucleotide SE	C 244	10.4	41.6	13	1	ABH01332	Oligonucleotide SE
C 172	10.4	41.6	13	1	ABF25033	Oligonucleotide SE	C 245	10.4	41.6	13	1	ABH16129	Oligonucleotide SE
C 173	10.4	41.6	13	1	ABF70649	Oligonucleotide SE	C 246	10.4	41.6	13	1	ABH55215	Oligonucleotide SE
C 174	10.4	41.6	13	1	ABF87963	Oligonucleotide SE	C 247	10.4	41.6	13	1	ABF25032	Oligonucleotide SE
C 175	10.4	41.6	13	1	ABH16606	Oligonucleotide SE	C 248	10.4	41.6	13	1	ABF31704	Oligonucleotide SE
C 176	10.4	41.6	13	1	ABH48554	Oligonucleotide SE	C 249	10.4	41.6	13	1	ABH01677	Oligonucleotide SE
C 177	10.4	41.6	13	1	ABC48714	Oligonucleotide SE	C 250	10.4	41.6	13	1	ABH40333	Oligonucleotide SE
C 178	10.4	41.6	13	1	ABC03225	Oligonucleotide SE	C 251	10.4	41.6	13	1	ABF47134	Oligonucleotide SE
C 179	10.4	41.6	13	1	ABC12404	Oligonucleotide SE	C 252	10.4	41.6	13	1	ABH06821	Oligonucleotide SE

253	10.4	41.6	13	1	ABF87962	Oligonucleotide SE	326	10	40.0	13	1	ABH37946	Oligonucleotide SE
254	10.4	41.6	13	1	ABF67160	Oligonucleotide SE	327	10	40.0	13	1	ABC27142	Oligonucleotide SE
C 255	10.4	41.6	13	1	ABH46627	Oligonucleotide SE	C 328	10	40.0	13	1	ABC86924	Oligonucleotide SE
C 256	10.4	41.6	13	1	ABH48555	Oligonucleotide SE	C 329	10	40.0	13	1	ABC12847	Oligonucleotide SE
C 257	10.4	41.6	13	1	ABH54008	Oligonucleotide SE	C 330	10	40.0	13	1	ABF39426	Oligonucleotide SE
C 258	10.4	41.6	13	1	ABH54009	Oligonucleotide SE	C 331	10	40.0	13	1	ABH07457	Oligonucleotide SE
C 259	10.4	41.6	13	1	ABC20654	Oligonucleotide SE	C 332	10	40.0	13	1	ABF02175	Oligonucleotide SE
C 260	10.4	41.6	13	1	ABC95873	Oligonucleotide SE	C 333	10	40.0	13	1	ABC55583	Oligonucleotide SE
C 261	10.4	41.6	13	1	ABCO4460	Oligonucleotide SE	C 334	10	40.0	13	1	ABF06831	Oligonucleotide SE
C 262	10.4	41.6	13	1	ABF94659	Oligonucleotide SE	C 335	10	40.0	13	1	ABC57138	Oligonucleotide SE
C 263	10.4	41.6	13	1	ABF71710	Oligonucleotide SE	C 336	10	40.0	13	1	ABC89708	Oligonucleotide SE
C 264	10.4	41.6	13	1	ABF64818	Oligonucleotide SE	C 337	10	40.0	13	1	ABC90673	Oligonucleotide SE
C 265	10.4	41.6	13	1	AAF76435	Paired domain co-s	C 338	10	40.0	13	1	ABC16984	Oligonucleotide SE
C 266	10.4	41.6	13	1	AAF76433	Paired domain co-s	C 339	10	40.0	13	1	ABF43836	Oligonucleotide SE
C 267	10.4	40.0	10	1	AAZ81397	Metastatic breast	C 340	10	40.0	13	1	ABH20888	Oligonucleotide SE
C 268	10	40.0	11	1	ABV67349	Human skin EST 513	C 341	10	40.0	13	1	ABH16233	Oligonucleotide SE
C 269	10	40.0	11	1	ADQ33075	Human facial skin-	C 342	10	40.0	13	1	ABH50754	Oligonucleotide SE
C 270	10	40.0	12	1	ABH90067	Oligonucleotide pr	C 343	10	40.0	13	1	ABH71257	Oligonucleotide SE
C 271	10	40.0	12	1	ABH74373	Oligonucleotide pr	C 344	10	40.0	13	1	ABC00175	Oligonucleotide SE
C 272	10	40.0	12	1	ABH78015	Oligonucleotide pr	C 345	10	40.0	13	1	ABC31641	Oligonucleotide SE
C 273	10	40.0	12	1	ABH84676	Oligonucleotide pr	C 346	10	40.0	13	1	ABC41568	Oligonucleotide SE
C 274	10	40.0	12	1	ABH77978	Oligonucleotide pr	C 347	10	40.0	13	1	ABF72192	Oligonucleotide SE
C 275	10	40.0	12	1	ABT24753	Oligonucleotide pr	C 348	10	40.0	13	1	ABH23341	Oligonucleotide SE
C 276	10	40.0	12	1	ABT29404	Oligonucleotide pr	C 349	10	40.0	13	1	ABH28303	Oligonucleotide SE
C 277	10	40.0	12	1	ABT40850	Oligonucleotide pr	C 350	10	40.0	13	1	ABF55162	Oligonucleotide SE
C 278	10	40.0	12	1	ABT31909	Oligonucleotide pr	C 351	10	40.0	13	1	ABH31386	Oligonucleotide SE
C 279	10	40.0	12	1	ABT46669	Oligonucleotide pr	C 352	10	40.0	13	1	ABH07456	Oligonucleotide SE
C 280	10	40.0	12	1	ABT15224	Oligonucleotide pr	C 353	10	40.0	13	1	ABC20528	Oligonucleotide SE
C 281	10	40.0	12	1	ABT40580	Oligonucleotide pr	C 354	10	40.0	13	1	ABC02783	Oligonucleotide SE
C 282	10	40.0	12	1	ABT76751	Oligonucleotide pr	C 355	10	40.0	13	1	ABC34513	Oligonucleotide SE
C 283	10	40.0	12	1	ABT65444	Oligonucleotide pr	C 356	10	40.0	13	1	ABC12846	Oligonucleotide SE
C 284	10	40.0	12	1	ABT08696	Oligonucleotide pr	C 357	10	40.0	13	1	ABF39427	Oligonucleotide SE
C 285	10	40.0	12	1	ABT80088	Oligonucleotide pr	C 358	10	40.0	13	1	ABH27072	Oligonucleotide SE
C 286	10	40.0	12	1	ABH96111	Oligonucleotide pr	C 359	10	40.0	13	1	ABH33729	Oligonucleotide SE
C 287	10	40.0	12	1	ABT29839	Oligonucleotide pr	C 360	10	40.0	13	1	ABF65383	Oligonucleotide SE
C 288	10	40.0	12	1	ABT57891	Oligonucleotide pr	C 361	10	40.0	13	1	ABH16232	Oligonucleotide SE
C 289	10	40.0	12	1	ABT63447	Oligonucleotide pr	C 362	10	40.0	13	1	ABF66483	Oligonucleotide SE
C 290	10	40.0	12	1	ABT62515	Oligonucleotide pr	C 363	10	40.0	13	1	ABH47112	Oligonucleotide SE
C 291	10	40.0	12	1	ABH71419	Oligonucleotide pr	C 364	10	40.0	13	1	ABC98810	Oligonucleotide SE
C 292	10	40.0	12	1	ABH92414	Oligonucleotide pr	C 365	10	40.0	13	1	ABC75198	Oligonucleotide SE
C 293	10	40.0	12	1	ABT32702	Oligonucleotide pr	C 366	10	40.0	13	1	ABC06673	Oligonucleotide SE
C 294	10	40.0	12	1	ABT68714	Oligonucleotide pr	C 367	10	40.0	13	1	ABC35124	Oligonucleotide SE
C 295	10	40.0	12	1	ABT55461	Oligonucleotide pr	C 368	10	40.0	13	1	ABC41569	Oligonucleotide SE
C 296	10	40.0	12	1	ABT35699	Oligonucleotide pr	C 369	10	40.0	13	1	ABF26823	Oligonucleotide SE
C 297	10	40.0	12	1	ABT38865	Oligonucleotide pr	C 370	10	40.0	13	1	ABF38869	Oligonucleotide SE
C 298	10	40.0	12	1	ABT51698	Oligonucleotide pr	C 371	10	40.0	13	1	ABH28302	Oligonucleotide SE
C 299	10	40.0	12	1	ABT51232	Oligonucleotide pr	C 372	10	40.0	13	1	ABH39185	Oligonucleotide SE
C 300	10	40.0	12	1	ABT68973	Oligonucleotide pr	C 373	10	40.0	13	1	ABC89709	Oligonucleotide SE
C 301	10	40.0	12	1	ABT70942	Oligonucleotide pr	C 374	10	40.0	13	1	ABF29598	Oligonucleotide SE
C 302	10	40.0	12	1	ABH69116	Oligonucleotide pr	C 375	10	40.0	13	1	ABF44387	Oligonucleotide SE
C 303	10	40.0	12	1	ABH69442	Oligonucleotide pr	C 376	10	40.0	13	1	ABF70739	Oligonucleotide SE
C 304	10	40.0	12	1	ABT41127	Oligonucleotide pr	C 377	10	40.0	13	1	ABH30146	Oligonucleotide SE
C 305	10	40.0	12	1	ABT49398	Oligonucleotide pr	C 378	10	40.0	13	1	ABH08020	Oligonucleotide SE
C 306	10	40.0	12	1	ABH97491	Oligonucleotide pr	C 379	10	40.0	13	1	ABH08021	Oligonucleotide SE
C 307	10	40.0	12	1	ABT28167	Oligonucleotide pr	C 380	10	40.0	13	1	ABC01800	Oligonucleotide SE
C 308	10	40.0	12	1	ABT13435	Oligonucleotide pr	C 381	10	40.0	13	1	ABC26511	Oligonucleotide SE
C 309	10	40.0	12	1	ABT40923	Oligonucleotide pr	C 382	10	40.0	13	1	ABC31640	Oligonucleotide SE
C 310	10	40.0	12	1	ABT32121	Oligonucleotide pr	C 383	10	40.0	13	1	ABC35125	Oligonucleotide SE
C 311	10	40.0	12	1	ABT47231	Oligonucleotide pr	C 384	10	40.0	13	1	ABH33728	Oligonucleotide SE
C 312	10	40.0	12	1	ADP78526	Chromosomal abnorm	C 385	10	40.0	13	1	ABH48793	Oligonucleotide SE
C 313	10	40.0	12	1	ADR98102	Human chromosome 2	C 386	10	40.0	13	1	ABC20529	Oligonucleotide SE
C 314	10	40.0	12	1	ADS08789	Human DNA PCR prim	C 387	10	40.0	13	1	ABC01760	Oligonucleotide SE
C 315	10	40.0	13	1	ABC43260	Oligonucleotide SE	C 388	10	40.0	13	1	ABF76801	Oligonucleotide SE
C 316	10	40.0	13	1	ABC01801	Oligonucleotide SE	C 389	10	40.0	13	1	ABC27156	Oligonucleotide SE
C 317	10	40.0	13	1	ABC76800	Oligonucleotide SE	C 390	10	40.0	13	1	ABC55582	Oligonucleotide SE
C 318	10	40.0	13	1	ABC77936	Oligonucleotide SE	C 391	10	40.0	13	1	ABC57139	Oligonucleotide SE
C 319	10	40.0	13	1	ABC64370	Oligonucleotide SE	C 392	10	40.0	13	1	ABF44386	Oligonucleotide SE
C 320	10	40.0	13	1	ABF38868	Oligonucleotide SE	C 393	10	40.0	13	1	ABH31387	Oligonucleotide SE
C 321	10	40.0	13	1	ABF68224	Oligonucleotide SE	C 394	10	40.0	13	1	ABH16035	Oligonucleotide SE
C 322	10	40.0	13	1	ABF95472	Oligonucleotide SE	C 395	10	40.0	13	1	ABH58580	Oligonucleotide SE
C 323	10	40.0	13	1	ABF46986	Oligonucleotide SE	C 396	10	40.0	13	1	ABC43261	Oligonucleotide SE
C 324	10	40.0	13	1	ABH23340	Oligonucleotide SE	C 397	10	40.0	13	1	ABC26510	Oligonucleotide SE
C 325	10	40.0	13	1	ABF55163	Oligonucleotide SE	C 398	10	40.0	13	1	ABC90672	Oligonucleotide SE

C 399	10	40.0	13	1	ABP95473	Oligonucleotide SE	C 472	9.8	39.2	13	1	ABC97759	Oligonucleotide SE
C 400	10	40.0	13	1	ABF85116	Oligonucleotide SE	C 473	9.8	39.2	13	1	ABF00593	Oligonucleotide SE
C 401	10	40.0	13	1	ABF66482	Oligonucleotide SE	C 474	9.8	39.2	13	1	ABF00657	Oligonucleotide SE
C 402	10	40.0	13	1	ABF78050	Oligonucleotide SE	C 475	9.8	39.2	13	1	ABC00791	Oligonucleotide SE
C 403	10	40.0	13	1	ABC57454	Oligonucleotide SE	C 476	9.8	39.2	13	1	ABC04147	Oligonucleotide SE
C 404	10	40.0	13	1	ABC57455	Oligonucleotide SE	C 477	9.8	39.2	13	1	ABC04147	Oligonucleotide SE
C 405	10	40.0	13	1	ABF09871	Oligonucleotide SE	C 478	9.8	39.2	13	1	ABF06252	Oligonucleotide SE
C 406	10	40.0	13	1	ABC34835	Oligonucleotide SE	C 479	9.8	39.2	13	1	ABC31659	Oligonucleotide SE
C 407	10	40.0	13	1	ABC14649	Oligonucleotide SE	C 480	9.8	39.2	13	1	ABC60060	Oligonucleotide SE
C 408	10	40.0	13	1	ABF29599	Oligonucleotide SE	C 481	9.8	39.2	13	1	ABC41223	Oligonucleotide SE
C 409	10	40.0	13	1	ABF51262	Oligonucleotide SE	C 482	9.8	39.2	13	1	ABF32826	Oligonucleotide SE
C 410	10	40.0	13	1	ABH27073	Oligonucleotide SE	C 483	9.8	39.2	13	1	ABH22070	Oligonucleotide SE
C 411	10	40.0	13	1	ABH13354	Oligonucleotide SE	C 484	9.8	39.2	13	1	ABF74778	Oligonucleotide SE
C 412	10	40.0	13	1	ABH48523	Oligonucleotide SE	C 485	9.8	39.2	13	1	ABF74779	Oligonucleotide SE
C 413	10	40.0	13	1	ABC27143	Oligonucleotide SE	C 486	9.8	39.2	13	1	ABH03663	Oligonucleotide SE
C 414	10	40.0	13	1	ABC05060	Oligonucleotide SE	C 487	9.8	39.2	13	1	ABF53883	Oligonucleotide SE
C 415	10	40.0	13	1	ABC34512	Oligonucleotide SE	C 488	9.8	39.2	13	1	ABF79518	Oligonucleotide SE
C 416	10	40.0	13	1	ABC34834	Oligonucleotide SE	C 489	9.8	39.2	13	1	ABH29691	Oligonucleotide SE
C 417	10	40.0	13	1	ABC14648	Oligonucleotide SE	C 490	9.8	39.2	13	1	ABP79699	Oligonucleotide SE
C 418	10	40.0	13	1	ABC16985	Oligonucleotide SE	C 491	9.8	39.2	13	1	ABH37555	Oligonucleotide SE
C 419	10	40.0	13	1	ABF43837	Oligonucleotide SE	C 492	9.8	39.2	13	1	ABH41293	Oligonucleotide SE
C 420	10	40.0	13	1	ABH20222	Oligonucleotide SE	C 493	9.8	39.2	13	1	ABH47346	Oligonucleotide SE
C 421	10	40.0	13	1	ABF70738	Oligonucleotide SE	C 494	9.8	39.2	13	1	ABH59907	Oligonucleotide SE
C 422	10	40.0	13	1	ABF72193	Oligonucleotide SE	C 495	9.8	39.2	13	1	ABH59909	Oligonucleotide SE
C 423	10	40.0	13	1	ABF51263	Oligonucleotide SE	C 496	9.8	39.2	13	1	ABC94076	Oligonucleotide SE
C 424	10	40.0	13	1	ABH30147	Oligonucleotide SE	C 497	9.8	39.2	13	1	ABC19471	Oligonucleotide SE
C 425	10	40.0	13	1	ABF88153	Oligonucleotide SE	C 498	9.8	39.2	13	1	ABC69693	Oligonucleotide SE
C 426	10	40.0	13	1	ABH39184	Oligonucleotide SE	C 499	9.8	39.2	13	1	ABC95045	Oligonucleotide SE
C 427	10	40.0	13	1	ABH47113	Oligonucleotide SE	C 500	9.8	39.2	13	1	ABC0761	Oligonucleotide SE
C 428	10	40.0	13	1	ABC71256	Oligonucleotide SE	C 501	9.8	39.2	13	1	ABC21397	Oligonucleotide SE
C 429	10	40.0	13	1	ABC98811	Oligonucleotide SE	C 502	9.8	39.2	13	1	ABC97756	Oligonucleotide SE
C 430	10	40.0	13	1	ABC75199	Oligonucleotide SE	C 503	9.8	39.2	13	1	ABC98301	Oligonucleotide SE
C 431	10	40.0	13	1	ABC77937	Oligonucleotide SE	C 504	9.8	39.2	13	1	ABC49377	Oligonucleotide SE
C 432	10	40.0	13	1	ABC78051	Oligonucleotide SE	C 505	9.8	39.2	13	1	ABC78359	Oligonucleotide SE
C 433	10	40.0	13	1	ABC05061	Oligonucleotide SE	C 506	9.8	39.2	13	1	ABC55490	Oligonucleotide SE
C 434	10	40.0	13	1	ABF92241	Oligonucleotide SE	C 507	9.8	39.2	13	1	ABC82644	Oligonucleotide SE
C 435	10	40.0	13	1	ABH58581	Oligonucleotide SE	C 508	9.8	39.2	13	1	ABC11518	Oligonucleotide SE
C 436	10	40.0	13	1	ABF01090	Oligonucleotide SE	C 509	9.8	39.2	13	1	ABC39442	Oligonucleotide SE
C 437	10	40.0	13	1	ABC01761	Oligonucleotide SE	C 510	9.8	39.2	13	1	ABC39799	Oligonucleotide SE
C 438	10	40.0	13	1	ABC27157	Oligonucleotide SE	C 511	9.8	39.2	13	1	ABC16773	Oligonucleotide SE
C 439	10	40.0	13	1	ABC86925	Oligonucleotide SE	C 512	9.8	39.2	13	1	ABF69682	Oligonucleotide SE
C 440	10	40.0	13	1	ABH20889	Oligonucleotide SE	C 513	9.8	39.2	13	1	ABF69730	Oligonucleotide SE
C 441	10	40.0	13	1	ABF85117	Oligonucleotide SE	C 514	9.8	39.2	13	1	ABP73698	Oligonucleotide SE
C 442	10	40.0	13	1	ABH37947	Oligonucleotide SE	C 515	9.8	39.2	13	1	ABH25344	Oligonucleotide SE
C 443	10	40.0	13	1	ABH13355	Oligonucleotide SE	C 516	9.8	39.2	13	1	ABF83527	Oligonucleotide SE
C 444	10	40.0	13	1	ABF65382	Oligonucleotide SE	C 517	9.8	39.2	13	1	ABF65864	Oligonucleotide SE
C 445	10	40.0	13	1	ABF92240	Oligonucleotide SE	C 518	9.8	39.2	13	1	ABH41317	Oligonucleotide SE
C 446	10	40.0	13	1	ABH48792	Oligonucleotide SE	C 519	9.8	39.2	13	1	ABH53464	Oligonucleotide SE
C 447	10	40.0	13	1	ABC70174	Oligonucleotide SE	C 520	9.8	39.2	13	1	ABH59908	Oligonucleotide SE
C 448	10	40.0	13	1	ABC70175	Oligonucleotide SE	C 521	9.8	39.2	13	1	ABC42552	Oligonucleotide SE
C 449	10	40.0	13	1	ABC00174	Oligonucleotide SE	C 522	9.8	39.2	13	1	ABC69692	Oligonucleotide SE
C 450	10	40.0	13	1	ABF01091	Oligonucleotide SE	C 523	9.8	39.2	13	1	ABC98520	Oligonucleotide SE
C 451	10	40.0	13	1	ABF02174	Oligonucleotide SE	C 524	9.8	39.2	13	1	ABC53060	Oligonucleotide SE
C 452	10	40.0	13	1	ABC06672	Oligonucleotide SE	C 525	9.8	39.2	13	1	ABC04144	Oligonucleotide SE
C 453	10	40.0	13	1	ABF09870	Oligonucleotide SE	C 526	9.8	39.2	13	1	ABC05587	Oligonucleotide SE
C 454	10	40.0	13	1	ABC63783	Oligonucleotide SE	C 527	9.8	39.2	13	1	ABC63644	Oligonucleotide SE
C 455	10	40.0	13	1	ABC64371	Oligonucleotide SE	C 528	9.8	39.2	13	1	ABC41222	Oligonucleotide SE
C 456	10	40.0	13	1	ABH20223	Oligonucleotide SE	C 529	9.8	39.2	13	1	ABF69685	Oligonucleotide SE
C 457	10	40.0	13	1	ABC02782	Oligonucleotide SE	C 530	9.8	39.2	13	1	ABF96329	Oligonucleotide SE
C 458	10	40.0	13	1	ABF06830	Oligonucleotide SE	C 531	9.8	39.2	13	1	ABF74139	Oligonucleotide SE
C 459	10	40.0	13	1	ABC63782	Oligonucleotide SE	C 532	9.8	39.2	13	1	ABH24485	Oligonucleotide SE
C 460	10	40.0	13	1	ABF26822	Oligonucleotide SE	C 533	9.8	39.2	13	1	ABF75284	Oligonucleotide SE
C 461	10	40.0	13	1	ABF68225	Oligonucleotide SE	C 534	9.8	39.2	13	1	ABF53978	Oligonucleotide SE
C 462	10	40.0	13	1	ABF46987	Oligonucleotide SE	C 535	9.8	39.2	13	1	ABH31963	Oligonucleotide SE
C 463	10	40.0	13	1	ABF88152	Oligonucleotide SE	C 536	9.8	39.2	13	1	ABH07954	Oligonucleotide SE
C 464	10	40.0	13	1	ABH16034	Oligonucleotide SE	C 537	9.8	39.2	13	1	ABH16907	Oligonucleotide SE
C 465	10	40.0	13	1	ABH48522	Oligonucleotide SE	C 538	9.8	39.2	13	1	ABF66829	Oligonucleotide SE
C 466	10	40.0	13	1	ABH50755	Oligonucleotide SE	C 539	9.8	39.2	13	1	ABF66955	Oligonucleotide SE
C 467	9.8	39.2	13	1	AAQ20025	Cross-linking agen	C 540	9.8	39.2	13	1	ABH48938	Oligonucleotide SE
C 468	9.8	39.2	13	1	AAQ30259	Oligomer HIV156 fo	C 541	9.8	39.2	13	1	ABC68629	Oligonucleotide SE
C 469	9.8	39.2	13	1	ABC21398	Oligonucleotide SE	C 542	9.8	39.2	13	1	ABC70587	Oligonucleotide SE
C 470	9.8	39.2	13	1	ABC47141	Oligonucleotide SE	C 543	9.8	39.2	13	1	ABC21396	Oligonucleotide SE
C 471	9.8	39.2	13	1	ABC97757	Oligonucleotide SE	C 544	9.8	39.2	13	1	ABC49375	Oligonucleotide SE

545	9.8	39.2	13	1	ABC02790	Oligonucleotide SE
546	9.8	39.2	13	1	ABF06947	Oligonucleotide SE
547	9.8	39.2	13	1	ABC60061	Oligonucleotide SE
548	9.8	39.2	13	1	ABC39443	Oligonucleotide SE
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550	9.8	39.2	13	1	ABC16770	Oligonucleotide SE
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552	9.8	39.2	13	1	ABC921170	Oligonucleotide SE
553	9.8	39.2	13	1	ABF19192	Oligonucleotide SE
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555	9.8	39.2	13	1	ABF69683	Oligonucleotide SE
556	9.8	39.2	13	1	ABF95931	Oligonucleotide SE
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558	9.8	39.2	13	1	ABF754403	Oligonucleotide SE
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562	9.8	39.2	13	1	ABF81747	Oligonucleotide SE
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565	9.8	39.2	13	1	ABH36762	Oligonucleotide SE
566	9.8	39.2	13	1	ABF62804	Oligonucleotide SE
567	9.8	39.2	13	1	ABF66954	Oligonucleotide SE
568	9.8	39.2	13	1	ABH56954	Oligonucleotide SE
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570	9.8	39.2	13	1	ABC98521	Oligonucleotide SE
571	9.8	39.2	13	1	ABC25621	Oligonucleotide SE
572	9.8	39.2	13	1	ABC08624	Oligonucleotide SE
573	9.8	39.2	13	1	ABC12827	Oligonucleotide SE
574	9.8	39.2	13	1	ABC41525	Oligonucleotide SE
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576	9.8	39.2	13	1	ABF41610	Oligonucleotide SE
577	9.8	39.2	13	1	ABF73699	Oligonucleotide SE
578	9.8	39.2	13	1	ABH28294	Oligonucleotide SE
579	9.8	39.2	13	1	ABH03664	Oligonucleotide SE
580	9.8	39.2	13	1	ABF54213	Oligonucleotide SE
581	9.8	39.2	13	1	ABF83525	Oligonucleotide SE
582	9.8	39.2	13	1	ABF90986	Oligonucleotide SE
583	9.8	39.2	13	1	ABH41738	Oligonucleotide SE
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585	9.8	39.2	13	1	ABC25620	Oligonucleotide SE
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591	9.8	39.2	13	1	ABC11519	Oligonucleotide SE
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594	9.8	39.2	13	1	ABF40569	Oligonucleotide SE
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596	9.8	39.2	13	1	ABF59014	Oligonucleotide SE
597	9.8	39.2	13	1	ABF64824	Oligonucleotide SE
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601	9.8	39.2	13	1	ABH31965	Oligonucleotide SE
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603	9.8	39.2	13	1	ABF53917	Oligonucleotide SE
604	9.8	39.2	13	1	ABH55557	Oligonucleotide SE
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611	9.8	39.2	13	1	ABC35133	Oligonucleotide SE
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614	9.8	39.2	13	1	ABF38656	Oligonucleotide SE
615	9.8	39.2	13	1	ABH18615	Oligonucleotide SE
616	9.8	39.2	13	1	ABF48748	Oligonucleotide SE
617	9.8	39.2	13	1	ABF48749	Oligonucleotide SE
618	9.8	39.2	13	1	ABH26083	Oligonucleotide SE
619	9.8	39.2	13	1	ABF79701	Oligonucleotide SE
620	9.8	39.2	13	1	ABF83526	Oligonucleotide SE
621	9.8	39.2	13	1	ABF86978	Oligonucleotide SE
622	9.8	39.2	13	1	ABH42007	Oligonucleotide SE
623	9.8	39.2	13	1	ABC19470	Oligonucleotide SE
624	9.8	39.2	13	1	ABC69535	Oligonucleotide SE
625	9.8	39.2	13	1	ABC49374	Oligonucleotide SE
626	9.8	39.2	13	1	ABF00592	Oligonucleotide SE
627	9.8	39.2	13	1	ABC81006	Oligonucleotide SE
628	9.8	39.2	13	1	ABC82645	Oligonucleotide SE
629	9.8	39.2	13	1	ABC88882	Oligonucleotide SE
630	9.8	39.2	13	1	ABC40943	Oligonucleotide SE
631	9.8	39.2	13	1	ABF36296	Oligonucleotide SE
632	9.8	39.2	13	1	ABF95090	Oligonucleotide SE
633	9.8	39.2	13	1	ABH20399	Oligonucleotide SE
634	9.8	39.2	13	1	ABH21040	Oligonucleotide SE
635	9.8	39.2	13	1	ABF74138	Oligonucleotide SE
636	9.8	39.2	13	1	ABF77414	Oligonucleotide SE
637	9.8	39.2	13	1	ABH03309	Oligonucleotide SE
638	9.8	39.2	13	1	ABF53882	Oligonucleotide SE
639	9.8	39.2	13	1	ABH29690	Oligonucleotide SE
640	9.8	39.2	13	1	ABH37533	Oligonucleotide SE
641	9.8	39.2	13	1	ABF62805	Oligonucleotide SE
642	9.8	39.2	13	1	ABF64825	Oligonucleotide SE
643	9.8	39.2	13	1	ABH41316	Oligonucleotide SE
644	9.8	39.2	13	1	ABF66996	Oligonucleotide SE
645	9.8	39.2	13	1	ABH60173	Oligonucleotide SE
646	9.8	39.2	13	1	ABC68628	Oligonucleotide SE
647	9.8	39.2	13	1	ABC49376	Oligonucleotide SE
648	9.8	39.2	13	1	ABC04146	Oligonucleotide SE
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650	9.8	39.2	13	1	ABF06253	Oligonucleotide SE
651	9.8	39.2	13	1	ABC12826	Oligonucleotide SE
652	9.8	39.2	13	1	ABC90667	Oligonucleotide SE
653	9.8	39.2	13	1	ABF19194	Oligonucleotide SE
654	9.8	39.2	13	1	ABF32006	Oligonucleotide SE
655	9.8	39.2	13	1	ABF21041	Oligonucleotide SE
656	9.8	39.2	13	1	ABH21041	Oligonucleotide SE
657	9.8	39.2	13	1	ABH26082	Oligonucleotide SE
658	9.8	39.2	13	1	ABH03662	Oligonucleotide SE
659	9.8	39.2	13	1	ABF53884	Oligonucleotide SE
660	9.8	39.2	13	1	ABF81744	Oligonucleotide SE
661	9.8	39.2	13	1	ABF90989	Oligonucleotide SE
662	9.8	39.2	13	1	ABH42162	Oligonucleotide SE
663	9.8	39.2	13	1	ABH47296	Oligonucleotide SE
664	9.8	39.2	13	1	ABH62882	Oligonucleotide SE
665	9.8	39.2	13	1	ABH63549	Oligonucleotide SE
666	9.8	39.2	13	1	ABH66010	Oligonucleotide SE
667	9.8	39.2	13	1	ABC07846	Oligonucleotide SE
668	9.8	39.2	13	1	ABC50950	Oligonucleotide SE
669	9.8	39.2	13	1	ABC57135	Oligonucleotide SE
670	9.8	39.2	13	1	ABC39798	Oligonucleotide SE
671	9.8	39.2	13	1	ABC16772	Oligonucleotide SE
672	9.8	39.2	13	1	ABF33854	Oligonucleotide SE
673	9.8	39.2	13	1	ABF40568	Oligonucleotide SE
674	9.8	39.2	13	1	ABH18777	Oligonucleotide SE
675	9.8	39.2	13	1	ABF95091	Oligonucleotide SE
676	9.8	39.2	13	1	ABF95910	Oligonucleotide SE
677	9.8	39.2	13	1	ABH00267	Oligonucleotide SE
678	9.8	39.2	13	1	ABH31962	Oligonucleotide SE
679	9.8	39.2	13	1	ABH32620	Oligonucleotide SE
680	9.8	39.2	13	1	ABH37532	Oligonucleotide SE
681	9.8	39.2	13	1	ABF65865	Oligonucleotide SE
682	9.8	39.2	13	1	ABH41292	Oligonucleotide SE
683	9.8	39.2	13	1	ABH50250	Oligonucleotide SE
684	9.8	39.2	13	1	ABF00656	Oligonucleotide SE
685	9.8	39.2	13	1	ABC28692	Oligonucleotide SE
686	9.8	39.2	13	1	ABC04145	Oligonucleotide SE
687	9.8	39.2	13	1	ABF06250	Oligonucleotide SE
688	9.8	39.2	13	1	ABC57928	Oligonucleotide SE
689	9.8	39.2	13	1	ABC41523	Oligonucleotide SE
690	9.8	39.2	13	1	ABF18672	Oligonucleotide SE

691	9.8	39.2	13	1	ABF69731	Oligonucleotide SE
692	9.8	39.2	13	1	ABH20398	Oligonucleotide SE
693	9.8	39.2	13	1	ABH24402	Oligonucleotide SE
694	9.8	39.2	13	1	ABF77415	Oligonucleotide SE
695	9.8	39.2	13	1	ABF53885	Oligonucleotide SE
696	9.8	39.2	13	1	ABH33701	Oligonucleotide SE
697	9.8	39.2	13	1	ABH36763	Oligonucleotide SE
698	9.8	39.2	13	1	ABH16906	Oligonucleotide SE
699	9.8	39.2	13	1	ABH48027	Oligonucleotide SE
700	9.8	39.2	13	1	ABH49338	Oligonucleotide SE
701	9.8	39.2	13	1	ABH55556	Oligonucleotide SE
702	9.8	39.2	13	1	ABH62883	Oligonucleotide SE
703	9.8	39.2	13	1	ABH98300	Oligonucleotide SE
704	9.8	39.2	13	1	ABH50971	Oligonucleotide SE
705	9.8	39.2	13	1	ABH52979	Oligonucleotide SE
706	9.8	39.2	13	1	ABF06251	Oligonucleotide SE
707	9.8	39.2	13	1	ABH07847	Oligonucleotide SE
708	9.8	39.2	13	1	ABH57926	Oligonucleotide SE
709	9.8	39.2	13	1	ABH63645	Oligonucleotide SE
710	9.8	39.2	13	1	ABF19193	Oligonucleotide SE
711	9.8	39.2	13	1	ABF19195	Oligonucleotide SE
712	9.8	39.2	13	1	ABF33855	Oligonucleotide SE
713	9.8	39.2	13	1	ABF39859	Oligonucleotide SE
714	9.8	39.2	13	1	ABH18614	Oligonucleotide SE
715	9.8	39.2	13	1	ABF69684	Oligonucleotide SE
716	9.8	39.2	13	1	ABH24325	Oligonucleotide SE
717	9.8	39.2	13	1	ABH03665	Oligonucleotide SE
718	9.8	39.2	13	1	ABH29679	Oligonucleotide SE
719	9.8	39.2	13	1	ABH31025	Oligonucleotide SE
720	9.8	39.2	13	1	ABH31964	Oligonucleotide SE
721	9.8	39.2	13	1	ABH07833	Oligonucleotide SE
722	9.8	39.2	13	1	ABF58341	Oligonucleotide SE
723	9.8	39.2	13	1	ABH83524	Oligonucleotide SE
724	9.8	39.2	13	1	ABH10467	Oligonucleotide SE
725	9.8	39.2	13	1	ABF64376	Oligonucleotide SE
726	9.8	39.2	13	1	ABH48939	Oligonucleotide SE
727	9.8	39.2	13	1	ABH50251	Oligonucleotide SE
728	9.8	39.2	13	1	ABH53916	Oligonucleotide SE
729	9.8	39.2	13	1	ABH67478	Oligonucleotide SE
730	9.8	39.2	13	1	ABH68002	Oligonucleotide SE
731	9.8	39.2	13	1	ABH69534	Oligonucleotide SE
732	9.8	39.2	13	1	ABH95912	Oligonucleotide SE
733	9.8	39.2	13	1	ABH70586	Oligonucleotide SE
734	9.8	39.2	13	1	ABH47140	Oligonucleotide SE
735	9.8	39.2	13	1	ABH25013	Oligonucleotide SE
736	9.8	39.2	13	1	ABF01324	Oligonucleotide SE
737	9.8	39.2	13	1	ABF01325	Oligonucleotide SE
738	9.8	39.2	13	1	ABH14468	Oligonucleotide SE
739	9.8	39.2	13	1	ABF95912	Oligonucleotide SE
740	9.8	39.2	13	1	ABH81745	Oligonucleotide SE
741	9.8	39.2	13	1	ABH37981	Oligonucleotide SE
742	9.8	39.2	13	1	ABH64377	Oligonucleotide SE
743	9.8	39.2	13	1	ABF89621	Oligonucleotide SE
744	9.8	39.2	13	1	ABF90987	Oligonucleotide SE
745	9.8	39.2	13	1	ABH42006	Oligonucleotide SE
746	9.8	39.2	13	1	ABH42163	Oligonucleotide SE
747	9.8	39.2	13	1	ABH63548	Oligonucleotide SE
748	9.8	39.2	13	1	ABH96100	Oligonucleotide SE
749	9.8	39.2	13	1	ABH05586	Oligonucleotide SE
750	9.8	39.2	13	1	ABH35132	Oligonucleotide SE
751	9.8	39.2	13	1	ABH13563	Oligonucleotide SE
752	9.8	39.2	13	1	ABH90666	Oligonucleotide SE
753	9.8	39.2	13	1	ABH18673	Oligonucleotide SE
754	9.8	39.2	13	1	ABF39978	Oligonucleotide SE
755	9.8	39.2	13	1	ABF96328	Oligonucleotide SE
756	9.8	39.2	13	1	ABF96333	Oligonucleotide SE
757	9.8	39.2	13	1	ABH03308	Oligonucleotide SE
758	9.8	39.2	13	1	ABH56400	Oligonucleotide SE
759	9.8	39.2	13	1	ABH33700	Oligonucleotide SE
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762	9.8	39.2	13	1	ABF66628	Oligonucleotide SE
763	9.8	39.2	13	1	ABC42553	Oligonucleotide SE
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765	9.8	39.2	13	1	ABC96101	Oligonucleotide SE
766	9.8	39.2	13	1	ABC97758	Oligonucleotide SE
767	9.8	39.2	13	1	ABC50951	Oligonucleotide SE
768	9.8	39.2	13	1	ABC50970	Oligonucleotide SE
769	9.8	39.2	13	1	ABC52978	Oligonucleotide SE
770	9.8	39.2	13	1	ABC55491	Oligonucleotide SE
771	9.8	39.2	13	1	ABC13562	Oligonucleotide SE
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773	9.8	39.2	13	1	ABF41611	Oligonucleotide SE
774	9.8	39.2	13	1	ABH24484	Oligonucleotide SE
775	9.8	39.2	13	1	ABH25345	Oligonucleotide SE
776	9.8	39.2	13	1	ABH29678	Oligonucleotide SE
777	9.8	39.2	13	1	ABH31024	Oligonucleotide SE
778	9.8	39.2	13	1	ABH81746	Oligonucleotide SE
779	9.8	39.2	13	1	ABH34621	Oligonucleotide SE
780	9.8	39.2	13	1	ABF59015	Oligonucleotide SE
781	9.8	39.2	13	1	ABH37554	Oligonucleotide SE
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783	9.8	39.2	13	1	ABF66997	Oligonucleotide SE
784	9.8	39.2	13	1	ABH47297	Oligonucleotide SE
785	9.8	39.2	13	1	ABH47347	Oligonucleotide SE
786	9.8	39.2	13	1	ABH49339	Oligonucleotide SE
787	9.8	39.2	13	1	ABH53465	Oligonucleotide SE
788	9.8	39.2	13	1	ABH60172	Oligonucleotide SE
789	9.8	39.2	13	1	ABH63670	Oligonucleotide SE
790	9.8	39.2	13	1	ABH63671	Oligonucleotide SE
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793	9.8	39.2	13	1	ABC21399	Oligonucleotide SE
794	9.8	39.2	13	1	ABC25012	Oligonucleotide SE
795	9.8	39.2	13	1	ABC28693	Oligonucleotide SE
796	9.8	39.2	13	1	ABC31658	Oligonucleotide SE
797	9.8	39.2	13	1	ABC08625	Oligonucleotide SE
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799	9.8	39.2	13	1	ABC16771	Oligonucleotide SE
800	9.8	39.2	13	1	ABC41522	Oligonucleotide SE
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803	9.8	39.2	13	1	ABF36297	Oligonucleotide SE
804	9.8	39.2	13	1	ABF38657	Oligonucleotide SE
805	9.8	39.2	13	1	ABF39858	Oligonucleotide SE
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807	9.8	39.2	13	1	ABH00266	Oligonucleotide SE
808	9.8	39.2	13	1	ABF53979	Oligonucleotide SE
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810	9.8	39.2	13	1	ABH07832	Oligonucleotide SE
811	9.8	39.2	13	1	ABF89620	Oligonucleotide SE
812	9.8	39.2	13	1	ABF90988	Oligonucleotide SE
813	9.8	39.2	13	1	ABH41739	Oligonucleotide SE
814	9.8	39.2	13	1	ABH48026	Oligonucleotide SE
815	9.8	39.2	13	1	ABH57616	Oligonucleotide SE
816	9.8	39.2	13	1	ABH66011	Oligonucleotide SE
817	9.8	39.2	13	1	AAH37301	Oligonucleotide SE
818	9.8	39.2	14	1	AAV49189	rb gene antisense
819	9.8	39.2	14	1	ADF78325	Chromosomal abnorm
820	9.8	39.2	14	1	ADH53130	Human APC (adenoma
821	9.8	39.2	14	1	ADH70475	Human APC DNA frag
822	9.8	39.2	14	1	ADR97901	Human DNA oligonuc
823	9.8	39.2	14	1	ADS08585	Oligonucleotide SE
824	9.6	38.4	13	1	ABF57359	Oligonucleotide SE
825	9.6	38.4	13	1	ABC29702	Oligonucleotide SE
826	9.6	38.4	13	1	ABF46325	Oligonucleotide SE
827	9.6	38.4	13	1	ABH07410	Oligonucleotide SE
828	9.6	38.4	13	1	ABH07411	Oligonucleotide SE
829	9.6	38.4	13	1	ABC29703	Oligonucleotide SE
830	9.6	38.4	13	1	ABF57358	Oligonucleotide SE
831	9.6	38.4	13	1	ABF63007	Oligonucleotide SE
832	9.6	38.4	13	1	ABF63006	Oligonucleotide SE
833	9.6	38.4	13	1	ABF46324	Oligonucleotide SE
834	9.6	38.4	13	1	ADR35156	Human nicking agen
835	9.6	38.4	13	1	ADR35159	Human nicking agen
836	9.6	38.4	13	1	ADR35157	Human nicking agen



837	9.6	38.4	13	1	ADR35158	Human nicking agen	910	9.4	37.6	12	1	ABI16648	Oligonucleotide pr
838	9.4	37.6	11	1	AAF76421	Pax-6 P3 binding s	911	9.4	37.6	12	1	ABI46155	Oligonucleotide pr
839	9.4	37.6	11	1	AAF76423	Pax-6 P3 binding s	912	9.4	37.6	12	1	ABI49349	Oligonucleotide pr
840	9.4	37.6	11	1	ABV66878	Human skin EST 466	913	9.4	37.6	12	1	ABI49440	Oligonucleotide pr
841	9.4	37.6	11	1	ADO36402	Human hair-bearing	914	9.4	37.6	12	1	ABI50565	Oligonucleotide pr
842	9.4	37.6	11	1	ADO36037	Human hair-bearing	915	9.4	37.6	12	1	ABI52190	Oligonucleotide pr
843	9.4	37.6	11	1	ADO32380	Human facial skin-	916	9.4	37.6	12	1	ABI69462	Oligonucleotide pr
844	9.4	37.6	12	1	ABH68424	Oligonucleotide pr	917	9.4	37.6	12	1	ABI73638	Oligonucleotide pr
845	9.4	37.6	12	1	ABI19346	Oligonucleotide pr	918	9.4	37.6	12	1	ABI60717	Oligonucleotide pr
846	9.4	37.6	12	1	ABI27614	Oligonucleotide pr	919	9.4	37.6	12	1	ABI67047	Oligonucleotide pr
847	9.4	37.6	12	1	ABH82705	Oligonucleotide pr	920	9.4	37.6	12	1	ABI19436	Oligonucleotide pr
848	9.4	37.6	12	1	ABI33382	Oligonucleotide pr	921	9.4	37.6	12	1	ABH82031	Oligonucleotide pr
849	9.4	37.6	12	1	ABI34350	Oligonucleotide pr	922	9.4	37.6	12	1	ABI32177	Oligonucleotide pr
850	9.4	37.6	12	1	ABI36764	Oligonucleotide pr	923	9.4	37.6	12	1	ABI32474	Oligonucleotide pr
851	9.4	37.6	12	1	ABI39572	Oligonucleotide pr	924	9.4	37.6	12	1	ABI34890	Oligonucleotide pr
852	9.4	37.6	12	1	ABI16282	Oligonucleotide pr	925	9.4	37.6	12	1	ABH86227	Oligonucleotide pr
853	9.4	37.6	12	1	ABI44117	Oligonucleotide pr	926	9.4	37.6	12	1	ABH86748	Oligonucleotide pr
854	9.4	37.6	12	1	ABI70367	Oligonucleotide pr	927	9.4	37.6	12	1	ABI40763	Oligonucleotide pr
855	9.4	37.6	12	1	ABI72432	Oligonucleotide pr	928	9.4	37.6	12	1	ABI41049	Oligonucleotide pr
856	9.4	37.6	12	1	ABI74780	Oligonucleotide pr	929	9.4	37.6	12	1	ABI16266	Oligonucleotide pr
857	9.4	37.6	12	1	ABI66451	Oligonucleotide pr	930	9.4	37.6	12	1	ABI43269	Oligonucleotide pr
858	9.4	37.6	12	1	ABI18167	Oligonucleotide pr	931	9.4	37.6	12	1	ABI49002	Oligonucleotide pr
859	9.4	37.6	12	1	ABH93893	Oligonucleotide pr	932	9.4	37.6	12	1	ABI68218	Oligonucleotide pr
860	9.4	37.6	12	1	ABI10756	Oligonucleotide pr	933	9.4	37.6	12	1	ABI54819	Oligonucleotide pr
861	9.4	37.6	12	1	ABI38463	Oligonucleotide pr	934	9.4	37.6	12	1	ABI69196	Oligonucleotide pr
862	9.4	37.6	12	1	ABI39674	Oligonucleotide pr	935	9.4	37.6	12	1	ABI71683	Oligonucleotide pr
863	9.4	37.6	12	1	ABI42739	Oligonucleotide pr	936	9.4	37.6	12	1	ABI58862	Oligonucleotide pr
864	9.4	37.6	12	1	ABI49727	Oligonucleotide pr	937	9.4	37.6	12	1	ABI73442	Oligonucleotide pr
865	9.4	37.6	12	1	ABI54322	Oligonucleotide pr	938	9.4	37.6	12	1	ABI75122	Oligonucleotide pr
866	9.4	37.6	12	1	ABI56451	Oligonucleotide pr	939	9.4	37.6	12	1	ABI77982	Oligonucleotide pr
867	9.4	37.6	12	1	ABI61425	Oligonucleotide pr	940	9.4	37.6	12	1	ABI65626	Oligonucleotide pr
868	9.4	37.6	12	1	ABI66179	Oligonucleotide pr	941	9.4	37.6	12	1	ABH68567	Oligonucleotide pr
869	9.4	37.6	12	1	ABI19956	Oligonucleotide pr	942	9.4	37.6	12	1	ABH71894	Oligonucleotide pr
870	9.4	37.6	12	1	ABH96321	Oligonucleotide pr	943	9.4	37.6	12	1	ABH72594	Oligonucleotide pr
871	9.4	37.6	12	1	ABH74716	Oligonucleotide pr	944	9.4	37.6	12	1	ABH73131	Oligonucleotide pr
872	9.4	37.6	12	1	ABI26931	Oligonucleotide pr	945	9.4	37.6	12	1	ABI24034	Oligonucleotide pr
873	9.4	37.6	12	1	ABI03354	Oligonucleotide pr	946	9.4	37.6	12	1	ABH99864	Oligonucleotide pr
874	9.4	37.6	12	1	ABH78673	Oligonucleotide pr	947	9.4	37.6	12	1	ABH80813	Oligonucleotide pr
875	9.4	37.6	12	1	ABI30737	Oligonucleotide pr	948	9.4	37.6	12	1	ABH87727	Oligonucleotide pr
876	9.4	37.6	12	1	ABH80768	Oligonucleotide pr	949	9.4	37.6	12	1	ABI38147	Oligonucleotide pr
877	9.4	37.6	12	1	ABI08557	Oligonucleotide pr	950	9.4	37.6	12	1	ABI14356	Oligonucleotide pr
878	9.4	37.6	12	1	ABI63632	Oligonucleotide pr	951	9.4	37.6	12	1	ABI73865	Oligonucleotide pr
879	9.4	37.6	12	1	ABH69437	Oligonucleotide pr	952	9.4	37.6	12	1	ABI64027	Oligonucleotide pr
880	9.4	37.6	12	1	ABH69593	Oligonucleotide pr	953	9.4	37.6	12	1	ABI64631	Oligonucleotide pr
881	9.4	37.6	12	1	ABH70310	Oligonucleotide pr	954	9.4	37.6	12	1	ABI81983	Oligonucleotide pr
882	9.4	37.6	12	1	ABH75026	Oligonucleotide pr	955	9.4	37.6	12	1	ABH70294	Oligonucleotide pr
883	9.4	37.6	12	1	ABH75228	Oligonucleotide pr	956	9.4	37.6	12	1	ABI21068	Oligonucleotide pr
884	9.4	37.6	12	1	ABH78589	Oligonucleotide pr	957	9.4	37.6	12	1	ABI22278	Oligonucleotide pr
885	9.4	37.6	12	1	ABH78790	Oligonucleotide pr	958	9.4	37.6	12	1	ABI25211	Oligonucleotide pr
886	9.4	37.6	12	1	ABH84134	Oligonucleotide pr	959	9.4	37.6	12	1	ABI03884	Oligonucleotide pr
887	9.4	37.6	12	1	ABI35194	Oligonucleotide pr	960	9.4	37.6	12	1	ABH79674	Oligonucleotide pr
888	9.4	37.6	12	1	ABI11281	Oligonucleotide pr	961	9.4	37.6	12	1	ABH88832	Oligonucleotide pr
889	9.4	37.6	12	1	ABH87211	Oligonucleotide pr	962	9.4	37.6	12	1	ABI45136	Oligonucleotide pr
890	9.4	37.6	12	1	ABI41375	Oligonucleotide pr	963	9.4	37.6	12	1	ABI45608	Oligonucleotide pr
891	9.4	37.6	12	1	ABI16831	Oligonucleotide pr	964	9.4	37.6	12	1	ABI49999	Oligonucleotide pr
892	9.4	37.6	12	1	ABI44170	Oligonucleotide pr	965	9.4	37.6	12	1	ABI56698	Oligonucleotide pr
893	9.4	37.6	12	1	ABI51097	Oligonucleotide pr	966	9.4	37.6	12	1	ABI56714	Oligonucleotide pr
894	9.4	37.6	12	1	ABI68694	Oligonucleotide pr	967	9.4	37.6	12	1	ABI75630	Oligonucleotide pr
895	9.4	37.6	12	1	ABI70932	Oligonucleotide pr	968	9.4	37.6	12	1	ABI79382	Oligonucleotide pr
896	9.4	37.6	12	1	ABI59901	Oligonucleotide pr	969	9.4	37.6	12	1	ABH69579	Oligonucleotide pr
897	9.4	37.6	12	1	ABI73944	Oligonucleotide pr	970	9.4	37.6	12	1	ABI23508	Oligonucleotide pr
898	9.4	37.6	12	1	ABI77183	Oligonucleotide pr	971	9.4	37.6	12	1	ABH79989	Oligonucleotide pr
899	9.4	37.6	12	1	ABI65082	Oligonucleotide pr	972	9.4	37.6	12	1	ABH85973	Oligonucleotide pr
900	9.4	37.6	12	1	ABH67403	Oligonucleotide pr	973	9.4	37.6	12	1	ABH88143	Oligonucleotide pr
901	9.4	37.6	12	1	ABH73979	Oligonucleotide pr	974	9.4	37.6	12	1	ABH89245	Oligonucleotide pr
902	9.4	37.6	12	1	ABH99817	Oligonucleotide pr	975	9.4	37.6	12	1	ABH91371	Oligonucleotide pr
903	9.4	37.6	12	1	ABI27309	Oligonucleotide pr	976	9.4	37.6	12	1	ABI50650	Oligonucleotide pr
904	9.4	37.6	12	1	ABH77266	Oligonucleotide pr	977	9.4	37.6	12	1	ABI68249	Oligonucleotide pr
905	9.4	37.6	12	1	ABI30075	Oligonucleotide pr	978	9.4	37.6	12	1	ABI57706	Oligonucleotide pr
906	9.4	37.6	12	1	ABI06392	Oligonucleotide pr	979	9.4	37.6	12	1	ABI62967	Oligonucleotide pr
907	9.4	37.6	12	1	ABH84428	Oligonucleotide pr	980	9.4	37.6	12	1	ABI77653	Oligonucleotide pr
908	9.4	37.6	12	1	ABH84912	Oligonucleotide pr	981	9.4	37.6	12	1	ABI65156	Oligonucleotide pr
909	9.4	37.6	12	1	ABI40636	Oligonucleotide pr	982	9.4	37.6	12	1	ABH96989	Oligonucleotide pr

c 983	9.4	37.6	12	1	ABI25018	Oligonucleotide pr	1056	9.4	37.6	12	1	ABH74316	Oligonucleotide pr
c 984	9.4	37.6	12	1	ABI25199	Oligonucleotide pr	1057	9.4	37.6	12	1	ABI29064	Oligonucleotide pr
c 985	9.4	37.6	12	1	ABH73152	Oligonucleotide pr	c1058	9.4	37.6	12	1	ABI32346	Oligonucleotide pr
c 986	9.4	37.6	12	1	ABI00825	Oligonucleotide pr	1059	9.4	37.6	12	1	ABH83651	Oligonucleotide pr
c 987	9.4	37.6	12	1	ABI02338	Oligonucleotide pr	1060	9.4	37.6	12	1	ABI09188	Oligonucleotide pr
c 988	9.4	37.6	12	1	ABI27643	Oligonucleotide pr	1061	9.4	37.6	12	1	ABI35913	Oligonucleotide pr
c 989	9.4	37.6	12	1	ABI05708	Oligonucleotide pr	1062	9.4	37.6	12	1	ABI13440	Oligonucleotide pr
c 990	9.4	37.6	12	1	ABI08023	Oligonucleotide pr	1063	9.4	37.6	12	1	ABI39419	Oligonucleotide pr
c 991	9.4	37.6	12	1	ABH8484	Oligonucleotide pr	c1064	9.4	37.6	12	1	ABI39419	Oligonucleotide pr
c 992	9.4	37.6	12	1	ABI35733	Oligonucleotide pr	1065	9.4	37.6	12	1	ABH91244	Oligonucleotide pr
c 993	9.4	37.6	12	1	ABI36466	Oligonucleotide pr	c1066	9.4	37.6	12	1	ABI16440	Oligonucleotide pr
c 994	9.4	37.6	12	1	ABI36736	Oligonucleotide pr	1067	9.4	37.6	12	1	ABH91971	Oligonucleotide pr
c 995	9.4	37.6	12	1	ABI37068	Oligonucleotide pr	1068	9.4	37.6	12	1	ABI42263	Oligonucleotide pr
c 996	9.4	37.6	12	1	ABI13232	Oligonucleotide pr	1069	9.4	37.6	12	1	ABI44002	Oligonucleotide pr
c 997	9.4	37.6	12	1	ABH8513	Oligonucleotide pr	1070	9.4	37.6	12	1	ABI55115	Oligonucleotide pr
c 998	9.4	37.6	12	1	ABI14424	Oligonucleotide pr	1071	9.4	37.6	12	1	ABI55223	Oligonucleotide pr
c 999	9.4	37.6	12	1	ABI39846	Oligonucleotide pr	1072	9.4	37.6	12	1	ABI72313	Oligonucleotide pr
1000	9.4	37.6	12	1	ABI15682	Oligonucleotide pr	1073	9.4	37.6	12	1	ABI77868	Oligonucleotide pr
c1001	9.4	37.6	12	1	ABI45732	Oligonucleotide pr	c1074	9.4	37.6	12	1	ABI20961	Oligonucleotide pr
c1002	9.4	37.6	12	1	ABI56244	Oligonucleotide pr	1075	9.4	37.6	12	1	ABH96529	Oligonucleotide pr
c1003	9.4	37.6	12	1	ABI70197	Oligonucleotide pr	1076	9.4	37.6	12	1	ABI24347	Oligonucleotide pr
c1004	9.4	37.6	12	1	ABI60083	Oligonucleotide pr	c1077	9.4	37.6	12	1	ABI07924	Oligonucleotide pr
1005	9.4	37.6	12	1	ABI62090	Oligonucleotide pr	c1078	9.4	37.6	12	1	ABI36539	Oligonucleotide pr
c1006	9.4	37.6	12	1	ABH71124	Oligonucleotide pr	1079	9.4	37.6	12	1	ABI37385	Oligonucleotide pr
c1007	9.4	37.6	12	1	ABH72860	Oligonucleotide pr	1080	9.4	37.6	12	1	ABI16803	Oligonucleotide pr
1008	9.4	37.6	12	1	ABH77207	Oligonucleotide pr	c1081	9.4	37.6	12	1	ABI48388	Oligonucleotide pr
c1009	9.4	37.6	12	1	ABH78886	Oligonucleotide pr	c1082	9.4	37.6	12	1	ABI57216	Oligonucleotide pr
1010	9.4	37.6	12	1	ABH80762	Oligonucleotide pr	c1083	9.4	37.6	12	1	ABI61357	Oligonucleotide pr
1011	9.4	37.6	12	1	ABI31148	Oligonucleotide pr	c1084	9.4	37.6	12	1	ABI75406	Oligonucleotide pr
1012	9.4	37.6	12	1	ABI32107	Oligonucleotide pr	1085	9.4	37.6	12	1	ABI65780	Oligonucleotide pr
c1013	9.4	37.6	12	1	ABH83649	Oligonucleotide pr	c1086	9.4	37.6	12	1	ABI80998	Oligonucleotide pr
1014	9.4	37.6	12	1	ABI11498	Oligonucleotide pr	1087	9.4	37.6	12	1	ABI81410	Oligonucleotide pr
c1015	9.4	37.6	12	1	ABI12402	Oligonucleotide pr	c1088	9.4	37.6	12	1	ABH74742	Oligonucleotide pr
1016	9.4	37.6	12	1	ABI113749	Oligonucleotide pr	c1089	9.4	37.6	12	1	ABH77227	Oligonucleotide pr
1017	9.4	37.6	12	1	ABI13749	Oligonucleotide pr	c1090	9.4	37.6	12	1	ABH80083	Oligonucleotide pr
1018	9.4	37.6	12	1	ABI14742	Oligonucleotide pr	1091	9.4	37.6	12	1	ABI05945	Oligonucleotide pr
c1019	9.4	37.6	12	1	ABI40961	Oligonucleotide pr	c1092	9.4	37.6	12	1	ABI33181	Oligonucleotide pr
1020	9.4	37.6	12	1	ABI42505	Oligonucleotide pr	c1093	9.4	37.6	12	1	ABI34091	Oligonucleotide pr
c1021	9.4	37.6	12	1	ABI43235	Oligonucleotide pr	c1094	9.4	37.6	12	1	ABH86229	Oligonucleotide pr
c1022	9.4	37.6	12	1	ABI45256	Oligonucleotide pr	1095	9.4	37.6	12	1	ABI49225	Oligonucleotide pr
1023	9.4	37.6	12	1	ABI49362	Oligonucleotide pr	1096	9.4	37.6	12	1	ABI55275	Oligonucleotide pr
c1024	9.4	37.6	12	1	ABI49747	Oligonucleotide pr	c1097	9.4	37.6	12	1	ABI55665	Oligonucleotide pr
c1025	9.4	37.6	12	1	ABI50546	Oligonucleotide pr	1098	9.4	37.6	12	1	ABI69506	Oligonucleotide pr
c1026	9.4	37.6	12	1	ABI59455	Oligonucleotide pr	c1099	9.4	37.6	12	1	ABI71425	Oligonucleotide pr
1027	9.4	37.6	12	1	ABI60572	Oligonucleotide pr	c1100	9.4	37.6	12	1	ABI59188	Oligonucleotide pr
1028	9.4	37.6	12	1	ABI65301	Oligonucleotide pr	c1101	9.4	37.6	12	1	ABI73348	Oligonucleotide pr
c1029	9.4	37.6	12	1	ABI66197	Oligonucleotide pr	c1102	9.4	37.6	12	1	ABI60932	Oligonucleotide pr
c1030	9.4	37.6	12	1	ABI118762	Oligonucleotide pr	c1103	9.4	37.6	12	1	ABI77734	Oligonucleotide pr
c1031	9.4	37.6	12	1	ABH73729	Oligonucleotide pr	1104	9.4	37.6	12	1	ABI63988	Oligonucleotide pr
c1032	9.4	37.6	12	1	ABI27321	Oligonucleotide pr	1105	9.4	37.6	12	1	ABI77944	Oligonucleotide pr
c1033	9.4	37.6	12	1	ABI06907	Oligonucleotide pr	c1106	9.4	37.6	12	1	ABI81406	Oligonucleotide pr
1034	9.4	37.6	12	1	ABH82146	Oligonucleotide pr	c1107	9.4	37.6	12	1	ADF78509	Chromosomal abnorm
1035	9.4	37.6	12	1	ABI34567	Oligonucleotide pr	c1108	9.4	37.6	12	1	ADRS0872	Human DNA PCR prim
1036	9.4	37.6	12	1	ABH86102	Oligonucleotide pr	c1109	9.4	37.6	12	1	ADRS0872	Human DNA PCR prim
c1037	9.4	37.6	12	1	ABI50910	Oligonucleotide pr	c1110	9.4	37.6	13	1	AAA26823	Trichosporon sporo
1038	9.4	37.6	12	1	ABI70498	Oligonucleotide pr	c1111	9.4	37.6	13	1	ABC98862	Oligonucleotide SE
1039	9.4	37.6	12	1	ABI58665	Oligonucleotide pr	c1112	9.4	37.6	13	1	ABC24785	Oligonucleotide SE
1040	9.4	37.6	12	1	ABI73162	Oligonucleotide pr	c1113	9.4	37.6	13	1	ABC03217	Oligonucleotide SE
1041	9.4	37.6	12	1	ABH69576	Oligonucleotide pr	1114	9.4	37.6	13	1	ABC04445	Oligonucleotide SE
c1042	9.4	37.6	12	1	ABI28386	Oligonucleotide pr	c1115	9.4	37.6	13	1	ABC06465	Oligonucleotide SE
c1043	9.4	37.6	12	1	ABI05098	Oligonucleotide pr	c1116	9.4	37.6	13	1	ABC32029	Oligonucleotide SE
c1044	9.4	37.6	12	1	ABH82230	Oligonucleotide pr	1117	9.4	37.6	13	1	ABC33928	Oligonucleotide SE
1045	9.4	37.6	12	1	ABH84111	Oligonucleotide pr	c1118	9.4	37.6	13	1	ABC34191	Oligonucleotide SE
1046	9.4	37.6	12	1	ABH84256	Oligonucleotide pr	1119	9.4	37.6	13	1	ABC34814	Oligonucleotide SE
1047	9.4	37.6	12	1	ABI09870	Oligonucleotide pr	1120	9.4	37.6	13	1	ABC85696	Oligonucleotide SE
c1048	9.4	37.6	12	1	ABI38864	Oligonucleotide pr	c1121	9.4	37.6	13	1	ABC85796	Oligonucleotide SE
1049	9.4	37.6	12	1	ABI39718	Oligonucleotide pr	1122	9.4	37.6	13	1	ABC86288	Oligonucleotide SE
c1050	9.4	37.6	12	1	ABI45363	Oligonucleotide pr	1123	9.4	37.6	13	1	ABF11720	Oligonucleotide SE
1051	9.4	37.6	12	1	ABI46910	Oligonucleotide pr	c1124	9.4	37.6	13	1	ABF11721	Oligonucleotide SE
c1052	9.4	37.6	12	1	ABI52563	Oligonucleotide pr	1125	9.4	37.6	13	1	ABC16344	Oligonucleotide SE
1053	9.4	37.6	12	1	ABI73389	Oligonucleotide pr	1126	9.4	37.6	13	1	ABC41102	Oligonucleotide SE
c1054	9.4	37.6	12	1	ABI78452	Oligonucleotide pr	1127	9.4	37.6	13	1	ABC16976	Oligonucleotide SE
1055	9.4	37.6	12	1	ABI17386	Oligonucleotide pr	1128	9.4	37.6	13	1	ABC66325	Oligonucleotide SE

c1129	9.4	37.6	13	1	ABF31170	Oligonucleotide SE	c1202	9.4	37.6	13	1	ABF41048	Oligonucleotide SE
c1130	9.4	37.6	13	1	ABF39938	Oligonucleotide SE	1203	9.4	37.6	13	1	ABF41049	Oligonucleotide SE
c1131	9.4	37.6	13	1	ABF92842	Oligonucleotide SE	1204	9.4	37.6	13	1	ABF41431	Oligonucleotide SE
c1132	9.4	37.6	13	1	ABH17991	Oligonucleotide SE	c1205	9.4	37.6	13	1	ABF41589	Oligonucleotide SE
c1133	9.4	37.6	13	1	ABH20559	Oligonucleotide SE	1206	9.4	37.6	13	1	ABH18509	Oligonucleotide SE
c1134	9.4	37.6	13	1	ABH04849	Oligonucleotide SE	c1207	9.4	37.6	13	1	ABF49563	Oligonucleotide SE
c1135	9.4	37.6	13	1	ABF57004	Oligonucleotide SE	c1208	9.4	37.6	13	1	ABF49967	Oligonucleotide SE
c1136	9.4	37.6	13	1	ABH08669	Oligonucleotide SE	c1209	9.4	37.6	13	1	ABH25143	Oligonucleotide SE
c1137	9.4	37.6	13	1	ABH34176	Oligonucleotide SE	1210	9.4	37.6	13	1	ABH00582	Oligonucleotide SE
c1138	9.4	37.6	13	1	ABF90742	Oligonucleotide SE	c1211	9.4	37.6	13	1	ABH25638	Oligonucleotide SE
c1139	9.4	37.6	13	1	ABH44159	Oligonucleotide SE	c1212	9.4	37.6	13	1	ABF75850	Oligonucleotide SE
c1140	9.4	37.6	13	1	ABH44191	Oligonucleotide SE	1213	9.4	37.6	13	1	ABH33532	Oligonucleotide SE
c1141	9.4	37.6	13	1	ABH52216	Oligonucleotide SE	1214	9.4	37.6	13	1	ABF84499	Oligonucleotide SE
c1142	9.4	37.6	13	1	ABH54003	Oligonucleotide SE	1215	9.4	37.6	13	1	ABF84828	Oligonucleotide SE
c1143	9.4	37.6	13	1	ABH57009	Oligonucleotide SE	c1216	9.4	37.6	13	1	ABH35870	Oligonucleotide SE
c1144	9.4	37.6	13	1	ABH61469	Oligonucleotide SE	1217	9.4	37.6	13	1	ABH40599	Oligonucleotide SE
c1145	9.4	37.6	13	1	ABH44412	Oligonucleotide SE	c1218	9.4	37.6	13	1	ABH16513	Oligonucleotide SE
c1146	9.4	37.6	13	1	ABH44413	Oligonucleotide SE	c1219	9.4	37.6	13	1	ABH45484	Oligonucleotide SE
c1147	9.4	37.6	13	1	ABH73003	Oligonucleotide SE	1220	9.4	37.6	13	1	ABH46149	Oligonucleotide SE
c1148	9.4	37.6	13	1	ABH24530	Oligonucleotide SE	c1221	9.4	37.6	13	1	ABH49365	Oligonucleotide SE
c1149	9.4	37.6	13	1	ABH24787	Oligonucleotide SE	1222	9.4	37.6	13	1	ABH52038	Oligonucleotide SE
c1150	9.4	37.6	13	1	ABH02302	Oligonucleotide SE	1223	9.4	37.6	13	1	ABH57008	Oligonucleotide SE
c1151	9.4	37.6	13	1	ABH79866	Oligonucleotide SE	1224	9.4	37.6	13	1	ABH61468	Oligonucleotide SE
c1152	9.4	37.6	13	1	ABH55062	Oligonucleotide SE	1225	9.4	37.6	13	1	ABH63793	Oligonucleotide SE
c1153	9.4	37.6	13	1	ABH80975	Oligonucleotide SE	1226	9.4	37.6	13	1	ABH65980	Oligonucleotide SE
c1154	9.4	37.6	13	1	ABH85797	Oligonucleotide SE	c1227	9.4	37.6	13	1	ABH66712	Oligonucleotide SE
c1155	9.4	37.6	13	1	ABH62127	Oligonucleotide SE	1228	9.4	37.6	13	1	ABH18775	Oligonucleotide SE
c1156	9.4	37.6	13	1	ABH37771	Oligonucleotide SE	c1229	9.4	37.6	13	1	ABC24253	Oligonucleotide SE
c1157	9.4	37.6	13	1	ABH65144	Oligonucleotide SE	1230	9.4	37.6	13	1	ABC24784	Oligonucleotide SE
c1158	9.4	37.6	13	1	ABH15841	Oligonucleotide SE	1231	9.4	37.6	13	1	ABC75150	Oligonucleotide SE
c1159	9.4	37.6	13	1	ABH16900	Oligonucleotide SE	1232	9.4	37.6	13	1	ABC75459	Oligonucleotide SE
c1160	9.4	37.6	13	1	ABH16901	Oligonucleotide SE	1233	9.4	37.6	13	1	ABC03216	Oligonucleotide SE
c1161	9.4	37.6	13	1	ABH66014	Oligonucleotide SE	c1234	9.4	37.6	13	1	ABC52875	Oligonucleotide SE
c1162	9.4	37.6	13	1	ABH66148	Oligonucleotide SE	1235	9.4	37.6	13	1	ABH78136	Oligonucleotide SE
c1163	9.4	37.6	13	1	ABH91909	Oligonucleotide SE	c1236	9.4	37.6	13	1	ABC28820	Oligonucleotide SE
c1164	9.4	37.6	13	1	ABH25049	Oligonucleotide SE	c1237	9.4	37.6	13	1	ABF04675	Oligonucleotide SE
c1165	9.4	37.6	13	1	ABH26297	Oligonucleotide SE	c1238	9.4	37.6	13	1	ABC29744	Oligonucleotide SE
c1166	9.4	37.6	13	1	ABH31893	Oligonucleotide SE	c1239	9.4	37.6	13	1	ABC30818	Oligonucleotide SE
c1167	9.4	37.6	13	1	ABH35506	Oligonucleotide SE	c1240	9.4	37.6	13	1	ABC30996	Oligonucleotide SE
c1168	9.4	37.6	13	1	ABH75091	Oligonucleotide SE	c1241	9.4	37.6	13	1	ABC08372	Oligonucleotide SE
c1169	9.4	37.6	13	1	ABH01779	Oligonucleotide SE	c1242	9.4	37.6	13	1	ABC33925	Oligonucleotide SE
c1170	9.4	37.6	13	1	ABH76733	Oligonucleotide SE	1243	9.4	37.6	13	1	ABC85769	Oligonucleotide SE
c1171	9.4	37.6	13	1	ABH28325	Oligonucleotide SE	c1244	9.4	37.6	13	1	ABC86585	Oligonucleotide SE
c1172	9.4	37.6	13	1	ABH30204	Oligonucleotide SE	c1245	9.4	37.6	13	1	ABC12322	Oligonucleotide SE
c1173	9.4	37.6	13	1	ABH30323	Oligonucleotide SE	1246	9.4	37.6	13	1	ABC65145	Oligonucleotide SE
c1174	9.4	37.6	13	1	ABH06242	Oligonucleotide SE	c1247	9.4	37.6	13	1	ABF22207	Oligonucleotide SE
c1175	9.4	37.6	13	1	ABH82149	Oligonucleotide SE	1248	9.4	37.6	13	1	ABF26296	Oligonucleotide SE
c1176	9.4	37.6	13	1	ABH07936	Oligonucleotide SE	c1249	9.4	37.6	13	1	ABF28393	Oligonucleotide SE
c1177	9.4	37.6	13	1	ABH84498	Oligonucleotide SE	1250	9.4	37.6	13	1	ABF31709	Oligonucleotide SE
c1178	9.4	37.6	13	1	ABH90299	Oligonucleotide SE	c1251	9.4	37.6	13	1	ABF31710	Oligonucleotide SE
c1179	9.4	37.6	13	1	ABH16512	Oligonucleotide SE	1252	9.4	37.6	13	1	ABF35386	Oligonucleotide SE
c1180	9.4	37.6	13	1	ABH44074	Oligonucleotide SE	1253	9.4	37.6	13	1	ABF35507	Oligonucleotide SE
c1181	9.4	37.6	13	1	ABH50662	Oligonucleotide SE	1254	9.4	37.6	13	1	ABF39939	Oligonucleotide SE
c1182	9.4	37.6	13	1	ABH63424	Oligonucleotide SE	c1255	9.4	37.6	13	1	ABH19429	Oligonucleotide SE
c1183	9.4	37.6	13	1	ABH63792	Oligonucleotide SE	c1256	9.4	37.6	13	1	ABF94829	Oligonucleotide SE
c1184	9.4	37.6	13	1	ABH66713	Oligonucleotide SE	1257	9.4	37.6	13	1	ABF45144	Oligonucleotide SE
c1185	9.4	37.6	13	1	ABH73002	Oligonucleotide SE	1258	9.4	37.6	13	1	ABF75801	Oligonucleotide SE
c1186	9.4	37.6	13	1	ABH24531	Oligonucleotide SE	1259	9.4	37.6	13	1	ABH01086	Oligonucleotide SE
c1187	9.4	37.6	13	1	ABH78137	Oligonucleotide SE	1260	9.4	37.6	13	1	ABH02294	Oligonucleotide SE
c1188	9.4	37.6	13	1	ABH04444	Oligonucleotide SE	c1261	9.4	37.6	13	1	ABH02295	Oligonucleotide SE
c1189	9.4	37.6	13	1	ABH09069	Oligonucleotide SE	1262	9.4	37.6	13	1	ABH28324	Oligonucleotide SE
c1190	9.4	37.6	13	1	ABH35802	Oligonucleotide SE	1263	9.4	37.6	13	1	ABH78708	Oligonucleotide SE
c1191	9.4	37.6	13	1	ABH11596	Oligonucleotide SE	c1264	9.4	37.6	13	1	ABH29159	Oligonucleotide SE
c1192	9.4	37.6	13	1	ABH11144	Oligonucleotide SE	1265	9.4	37.6	13	1	ABF56189	Oligonucleotide SE
c1193	9.4	37.6	13	1	ABH12765	Oligonucleotide SE	1266	9.4	37.6	13	1	ABH31363	Oligonucleotide SE
c1194	9.4	37.6	13	1	ABH13723	Oligonucleotide SE	c1267	9.4	37.6	13	1	ABH82148	Oligonucleotide SE
c1195	9.4	37.6	13	1	ABH15608	Oligonucleotide SE	c1268	9.4	37.6	13	1	ABH07997	Oligonucleotide SE
c1196	9.4	37.6	13	1	ABH15609	Oligonucleotide SE	1269	9.4	37.6	13	1	ABF59228	Oligonucleotide SE
c1197	9.4	37.6	13	1	ABH66057	Oligonucleotide SE	c1270	9.4	37.6	13	1	ABH87124	Oligonucleotide SE
c1198	9.4	37.6	13	1	ABH17208	Oligonucleotide SE	c1271	9.4	37.6	13	1	ABH12574	Oligonucleotide SE
c1199	9.4	37.6	13	1	ABH17209	Oligonucleotide SE	c1272	9.4	37.6	13	1	ABH37701	Oligonucleotide SE
c1200	9.4	37.6	13	1	ABH25669	Oligonucleotide SE	1273	9.4	37.6	13	1	ABH59210	Oligonucleotide SE
c1201	9.4	37.6	13	1	ABH34008	Oligonucleotide SE	1274	9.4	37.6	13	1	ABH61004	Oligonucleotide SE

1275	9.4	37.6	13	1	ABC74012	Oligonucleotide SE	1348	9.4	37.6	13	1	ABH44158	Oligonucleotide SE
1276	9.4	37.6	13	1	ABC51461	Oligonucleotide SE	1349	9.4	37.6	13	1	ABH44303	Oligonucleotide SE
1277	9.4	37.6	13	1	ABC06464	Oligonucleotide SE	1350	9.4	37.6	13	1	ABH54002	Oligonucleotide SE
1278	9.4	37.6	13	1	ABC08254	Oligonucleotide SE	1351	9.4	37.6	13	1	ABH59211	Oligonucleotide SE
1279	9.4	37.6	13	1	ABC83767	Oligonucleotide SE	1352	9.4	37.6	13	1	ABH66099	Oligonucleotide SE
1280	9.4	37.6	13	1	ABC84461	Oligonucleotide SE	1353	9.4	37.6	13	1	ABC46086	Oligonucleotide SE
1281	9.4	37.6	13	1	ABC35279	Oligonucleotide SE	1354	9.4	37.6	13	1	ABC47385	Oligonucleotide SE
1282	9.4	37.6	13	1	ABC12439	Oligonucleotide SE	1355	9.4	37.6	13	1	ABC47385	Oligonucleotide SE
1283	9.4	37.6	13	1	ABC13976	Oligonucleotide SE	1356	9.4	37.6	13	1	ABC22480	Oligonucleotide SE
1284	9.4	37.6	13	1	ABC38762	Oligonucleotide SE	1357	9.4	37.6	13	1	ABC74013	Oligonucleotide SE
1285	9.4	37.6	13	1	ABC39966	Oligonucleotide SE	1358	9.4	37.6	13	1	ABF00062	Oligonucleotide SE
1286	9.4	37.6	13	1	ABF16808	Oligonucleotide SE	1359	9.4	37.6	13	1	ABF01320	Oligonucleotide SE
1287	9.4	37.6	13	1	ABF31711	Oligonucleotide SE	1360	9.4	37.6	13	1	ABC27612	Oligonucleotide SE
1288	9.4	37.6	13	1	ABF36263	Oligonucleotide SE	1361	9.4	37.6	13	1	ABC28779	Oligonucleotide SE
1289	9.4	37.6	13	1	ABF39648	Oligonucleotide SE	1362	9.4	37.6	13	1	ABC53971	Oligonucleotide SE
1290	9.4	37.6	13	1	ABF41430	Oligonucleotide SE	1363	9.4	37.6	13	1	ABF04674	Oligonucleotide SE
1291	9.4	37.6	13	1	ABF92798	Oligonucleotide SE	1364	9.4	37.6	13	1	ABC30665	Oligonucleotide SE
1292	9.4	37.6	13	1	ABF92799	Oligonucleotide SE	1365	9.4	37.6	13	1	ABC31101	Oligonucleotide SE
1293	9.4	37.6	13	1	ABF94828	Oligonucleotide SE	1366	9.4	37.6	13	1	ABC59319	Oligonucleotide SE
1294	9.4	37.6	13	1	ABF49567	Oligonucleotide SE	1367	9.4	37.6	13	1	ABC86289	Oligonucleotide SE
1295	9.4	37.6	13	1	ABH01778	Oligonucleotide SE	1368	9.4	37.6	13	1	ABC12441	Oligonucleotide SE
1296	9.4	37.6	13	1	ABH29158	Oligonucleotide SE	1369	9.4	37.6	13	1	ABC37770	Oligonucleotide SE
1297	9.4	37.6	13	1	ABH31362	Oligonucleotide SE	1370	9.4	37.6	13	1	ABC63884	Oligonucleotide SE
1298	9.4	37.6	13	1	ABH07083	Oligonucleotide SE	1371	9.4	37.6	13	1	ABC63885	Oligonucleotide SE
1299	9.4	37.6	13	1	ABF57005	Oligonucleotide SE	1372	9.4	37.6	13	1	ABC64102	Oligonucleotide SE
1300	9.4	37.6	13	1	ABH07937	Oligonucleotide SE	1373	9.4	37.6	13	1	ABC90212	Oligonucleotide SE
1301	9.4	37.6	13	1	ABH07996	Oligonucleotide SE	1374	9.4	37.6	13	1	ABC16977	Oligonucleotide SE
1302	9.4	37.6	13	1	ABF87123	Oligonucleotide SE	1375	9.4	37.6	13	1	ABF19968	Oligonucleotide SE
1303	9.4	37.6	13	1	ABH39610	Oligonucleotide SE	1376	9.4	37.6	13	1	ABF21559	Oligonucleotide SE
1304	9.4	37.6	13	1	ABF90743	Oligonucleotide SE	1377	9.4	37.6	13	1	ABF25048	Oligonucleotide SE
1305	9.4	37.6	13	1	ABF66116	Oligonucleotide SE	1378	9.4	37.6	13	1	ABF28392	Oligonucleotide SE
1306	9.4	37.6	13	1	ABH16966	Oligonucleotide SE	1379	9.4	37.6	13	1	ABF31171	Oligonucleotide SE
1307	9.4	37.6	13	1	ABH16967	Oligonucleotide SE	1380	9.4	37.6	13	1	ABF31708	Oligonucleotide SE
1308	9.4	37.6	13	1	ABH44302	Oligonucleotide SE	1381	9.4	37.6	13	1	ABF39649	Oligonucleotide SE
1309	9.4	37.6	13	1	ABH45188	Oligonucleotide SE	1382	9.4	37.6	13	1	ABF41328	Oligonucleotide SE
1310	9.4	37.6	13	1	ABH48889	Oligonucleotide SE	1383	9.4	37.6	13	1	ABH19816	Oligonucleotide SE
1311	9.4	37.6	13	1	ABH54061	Oligonucleotide SE	1384	9.4	37.6	13	1	ABF70313	Oligonucleotide SE
1312	9.4	37.6	13	1	ABH64626	Oligonucleotide SE	1385	9.4	37.6	13	1	ABF49562	Oligonucleotide SE
1313	9.4	37.6	13	1	ABH64745	Oligonucleotide SE	1386	9.4	37.6	13	1	ABF49566	Oligonucleotide SE
1314	9.4	37.6	13	1	ABH65981	Oligonucleotide SE	1387	9.4	37.6	13	1	ABF75126	Oligonucleotide SE
1315	9.4	37.6	13	1	ABC43188	Oligonucleotide SE	1388	9.4	37.6	13	1	ABH00775	Oligonucleotide SE
1316	9.4	37.6	13	1	ABC19763	Oligonucleotide SE	1389	9.4	37.6	13	1	ABH25988	Oligonucleotide SE
1317	9.4	37.6	13	1	ABC97298	Oligonucleotide SE	1390	9.4	37.6	13	1	ABH28017	Oligonucleotide SE
1318	9.4	37.6	13	1	ABC47384	Oligonucleotide SE	1391	9.4	37.6	13	1	ABF78832	Oligonucleotide SE
1319	9.4	37.6	13	1	ABC47384	Oligonucleotide SE	1392	9.4	37.6	13	1	ABF78832	Oligonucleotide SE
1320	9.4	37.6	13	1	ABC03218	Oligonucleotide SE	1393	9.4	37.6	13	1	ABF79123	Oligonucleotide SE
1321	9.4	37.6	13	1	ABC05457	Oligonucleotide SE	1394	9.4	37.6	13	1	ABF80854	Oligonucleotide SE
1322	9.4	37.6	13	1	ABC5063	Oligonucleotide SE	1395	9.4	37.6	13	1	ABH31396	Oligonucleotide SE
1323	9.4	37.6	13	1	ABC80974	Oligonucleotide SE	1396	9.4	37.6	13	1	ABH07609	Oligonucleotide SE
1324	9.4	37.6	13	1	ABC82270	Oligonucleotide SE	1397	9.4	37.6	13	1	ABF83263	Oligonucleotide SE
1325	9.4	37.6	13	1	ABC57233	Oligonucleotide SE	1398	9.4	37.6	13	1	ABH11926	Oligonucleotide SE
1326	9.4	37.6	13	1	ABC09068	Oligonucleotide SE	1399	9.4	37.6	13	1	ABF62532	Oligonucleotide SE
1327	9.4	37.6	13	1	ABC34815	Oligonucleotide SE	1400	9.4	37.6	13	1	ABH38583	Oligonucleotide SE
1328	9.4	37.6	13	1	ABC37578	Oligonucleotide SE	1401	9.4	37.6	13	1	ABH14422	Oligonucleotide SE
1329	9.4	37.6	13	1	ABC61289	Oligonucleotide SE	1402	9.4	37.6	13	1	ABH42517	Oligonucleotide SE
1330	9.4	37.6	13	1	ABC90211	Oligonucleotide SE	1403	9.4	37.6	13	1	ABH48922	Oligonucleotide SE
1331	9.4	37.6	13	1	ABF15810	Oligonucleotide SE	1404	9.4	37.6	13	1	ABH52589	Oligonucleotide SE
1332	9.4	37.6	13	1	ABF16740	Oligonucleotide SE	1405	9.4	37.6	13	1	ABF70396	Oligonucleotide SE
1333	9.4	37.6	13	1	ABF31908	Oligonucleotide SE	1406	9.4	37.6	13	1	ABC70397	Oligonucleotide SE
1334	9.4	37.6	13	1	ABF21558	Oligonucleotide SE	1407	9.4	37.6	13	1	ABC22481	Oligonucleotide SE
1335	9.4	37.6	13	1	ABF70582	Oligonucleotide SE	1408	9.4	37.6	13	1	ABC24252	Oligonucleotide SE
1336	9.4	37.6	13	1	ABF74399	Oligonucleotide SE	1409	9.4	37.6	13	1	ABC02303	Oligonucleotide SE
1337	9.4	37.6	13	1	ABF75090	Oligonucleotide SE	1410	9.4	37.6	13	1	ABC03219	Oligonucleotide SE
1338	9.4	37.6	13	1	ABH00583	Oligonucleotide SE	1411	9.4	37.6	13	1	ABC28778	Oligonucleotide SE
1339	9.4	37.6	13	1	ABF83262	Oligonucleotide SE	1412	9.4	37.6	13	1	ABC28822	Oligonucleotide SE
1340	9.4	37.6	13	1	ABH34135	Oligonucleotide SE	1413	9.4	37.6	13	1	ABC28823	Oligonucleotide SE
1341	9.4	37.6	13	1	ABF84829	Oligonucleotide SE	1414	9.4	37.6	13	1	ABC55246	Oligonucleotide SE
1342	9.4	37.6	13	1	ABF85343	Oligonucleotide SE	1415	9.4	37.6	13	1	ABC32154	Oligonucleotide SE
1343	9.4	37.6	13	1	ABH36991	Oligonucleotide SE	1416	9.4	37.6	13	1	ABC57232	Oligonucleotide SE
1344	9.4	37.6	13	1	ABH37700	Oligonucleotide SE	1417	9.4	37.6	13	1	ABC84052	Oligonucleotide SE
1345	9.4	37.6	13	1	ABF62533	Oligonucleotide SE	1418	9.4	37.6	13	1	ABC59320	Oligonucleotide SE
1346	9.4	37.6	13	1	ABH14423	Oligonucleotide SE	1419	9.4	37.6	13	1	ABC35063	Oligonucleotide SE
1347	9.4	37.6	13	1	ABF90298	Oligonucleotide SE	1420	9.4	37.6	13	1	ABC12162	Oligonucleotide SE

c1421	9.4	37.6	13	1	ABC12195	Oligonucleotide SE	1494	9.4	37.6	13	1	ABH15399	Oligonucleotide SE
c1422	9.4	37.6	13	1	ABC13722	Oligonucleotide SE	1495	9.4	37.6	13	1	ABF66079	Oligonucleotide SE
c1423	9.4	37.6	13	1	ABC38102	Oligonucleotide SE	ci496	9.4	37.6	13	1	ABF66117	Oligonucleotide SE
1424	9.4	37.6	13	1	ABC66015	Oligonucleotide SE	ci497	9.4	37.6	13	1	ABH44075	Oligonucleotide SE
c1425	9.4	37.6	13	1	ABC66324	Oligonucleotide SE	ci498	9.4	37.6	13	1	ABH44190	Oligonucleotide SE
c1426	9.4	37.6	13	1	ABF24066	Oligonucleotide SE	ci499	9.4	37.6	13	1	ABH45482	Oligonucleotide SE
c1427	9.4	37.6	13	1	ABF28264	Oligonucleotide SE	1500	9.4	37.6	13	1	ABH49364	Oligonucleotide SE
1428	9.4	37.6	13	1	ABF31892	Oligonucleotide SE	ci501	9.4	37.6	13	1	ABH64744	Oligonucleotide SE
c1429	9.4	37.6	13	1	ABF40234	Oligonucleotide SE	1502	9.4	37.6	13	1	ABH64840	Oligonucleotide SE
c1430	9.4	37.6	13	1	ABH19817	Oligonucleotide SE	ci503	9.4	37.6	13	1	ABC43185	Oligonucleotide SE
1431	9.4	37.6	13	1	ABF48351	Oligonucleotide SE	1504	9.4	37.6	13	1	ABC68771	Oligonucleotide SE
c1432	9.4	37.6	13	1	ABF48331	Oligonucleotide SE	1505	9.4	37.6	13	1	ABC22335	Oligonucleotide SE
c1433	9.4	37.6	13	1	ABF74398	Oligonucleotide SE	ci506	9.4	37.6	13	1	ABC22335	Oligonucleotide SE
c1434	9.4	37.6	13	1	ABH25101	Oligonucleotide SE	ci507	9.4	37.6	13	1	ABC97399	Oligonucleotide SE
1435	9.4	37.6	13	1	ABH00327	Oligonucleotide SE	1508	9.4	37.6	13	1	ABC98713	Oligonucleotide SE
c1436	9.4	37.6	13	1	ABH01289	Oligonucleotide SE	ci509	9.4	37.6	13	1	ABC51460	Oligonucleotide SE
c1437	9.4	37.6	13	1	ABH03181	Oligonucleotide SE	ci510	9.4	37.6	13	1	ABC27286	Oligonucleotide SE
c1438	9.4	37.6	13	1	ABH05218	Oligonucleotide SE	1511	9.4	37.6	13	1	ABC29745	Oligonucleotide SE
c1439	9.4	37.6	13	1	ABH30205	Oligonucleotide SE	ci512	9.4	37.6	13	1	ABC83593	Oligonucleotide SE
c1440	9.4	37.6	13	1	ABF56188	Oligonucleotide SE	1513	9.4	37.6	13	1	ABC33924	Oligonucleotide SE
c1441	9.4	37.6	13	1	ABH31337	Oligonucleotide SE	ci514	9.4	37.6	13	1	ABC84031	Oligonucleotide SE
1442	9.4	37.6	13	1	ABF83255	Oligonucleotide SE	ci515	9.4	37.6	13	1	ABC35803	Oligonucleotide SE
c1443	9.4	37.6	13	1	ABH33533	Oligonucleotide SE	1516	9.4	37.6	13	1	ABC12775	Oligonucleotide SE
1444	9.4	37.6	13	1	ABH38136	Oligonucleotide SE	ci517	9.4	37.6	13	1	ABC87535	Oligonucleotide SE
c1445	9.4	37.6	13	1	ABH39611	Oligonucleotide SE	ci518	9.4	37.6	13	1	ABC90213	Oligonucleotide SE
c1446	9.4	37.6	13	1	ABH14744	Oligonucleotide SE	1519	9.4	37.6	13	1	ABC40390	Oligonucleotide SE
c1447	9.4	37.6	13	1	ABH15398	Oligonucleotide SE	ci520	9.4	37.6	13	1	ABF21869	Oligonucleotide SE
c1448	9.4	37.6	13	1	ABF66078	Oligonucleotide SE	1521	9.4	37.6	13	1	ABF24067	Oligonucleotide SE
1449	9.4	37.6	13	1	ABH47385	Oligonucleotide SE	ci522	9.4	37.6	13	1	ABF25670	Oligonucleotide SE
c1450	9.4	37.6	13	1	ABH48888	Oligonucleotide SE	ci523	9.4	37.6	13	1	ABF35387	Oligonucleotide SE
c1451	9.4	37.6	13	1	ABH49193	Oligonucleotide SE	1524	9.4	37.6	13	1	ABF71195	Oligonucleotide SE
c1452	9.4	37.6	13	1	ABH63425	Oligonucleotide SE	ci525	9.4	37.6	13	1	ABF46526	Oligonucleotide SE
c1453	9.4	37.6	13	1	ABF67417	Oligonucleotide SE	1526	9.4	37.6	13	1	ABF96632	Oligonucleotide SE
c1454	9.4	37.6	13	1	ABC68770	Oligonucleotide SE	ci527	9.4	37.6	13	1	ABF96633	Oligonucleotide SE
1455	9.4	37.6	13	1	ABC19208	Oligonucleotide SE	1528	9.4	37.6	13	1	ABF78904	Oligonucleotide SE
c1456	9.4	37.6	13	1	ABC20797	Oligonucleotide SE	1529	9.4	37.6	13	1	ABH30322	Oligonucleotide SE
1457	9.4	37.6	13	1	ABC20812	Oligonucleotide SE	1530	9.4	37.6	13	1	ABH06804	Oligonucleotide SE
c1458	9.4	37.6	13	1	ABC47044	Oligonucleotide SE	ci531	9.4	37.6	13	1	ABH81758	Oligonucleotide SE
c1459	9.4	37.6	13	1	ABC75151	Oligonucleotide SE	1532	9.4	37.6	13	1	ABH35871	Oligonucleotide SE
1460	9.4	37.6	13	1	ABC25670	Oligonucleotide SE	1533	9.4	37.6	13	1	ABF87125	Oligonucleotide SE
c1461	9.4	37.6	13	1	ABC03045	Oligonucleotide SE	ci534	9.4	37.6	13	1	ABH40598	Oligonucleotide SE
1462	9.4	37.6	13	1	ABC28681	Oligonucleotide SE	ci535	9.4	37.6	13	1	ABH42516	Oligonucleotide SE
c1463	9.4	37.6	13	1	ABC35970	Oligonucleotide SE	1536	9.4	37.6	13	1	ABH44835	Oligonucleotide SE
c1464	9.4	37.6	13	1	ABC79181	Oligonucleotide SE	1537	9.4	37.6	13	1	ABH45485	Oligonucleotide SE
c1465	9.4	37.6	13	1	ABC07431	Oligonucleotide SE	ci538	9.4	37.6	13	1	ABH45650	Oligonucleotide SE
c1466	9.4	37.6	13	1	ABC84053	Oligonucleotide SE	1539	9.4	37.6	13	1	ABH49192	Oligonucleotide SE
c1467	9.4	37.6	13	1	ABC59321	Oligonucleotide SE	ci540	9.4	37.6	13	1	ABC19209	Oligonucleotide SE
c1468	9.4	37.6	13	1	ABC60253	Oligonucleotide SE	1541	9.4	37.6	13	1	ABC97299	Oligonucleotide SE
c1469	9.4	37.6	13	1	ABC85768	Oligonucleotide SE	1542	9.4	37.6	13	1	ABC97398	Oligonucleotide SE
1470	9.4	37.6	13	1	ABC12129	Oligonucleotide SE	ci543	9.4	37.6	13	1	ABC22478	Oligonucleotide SE
c1471	9.4	37.6	13	1	ABC12774	Oligonucleotide SE	1544	9.4	37.6	13	1	ABC75148	Oligonucleotide SE
1472	9.4	37.6	13	1	ABC87534	Oligonucleotide SE	1545	9.4	37.6	13	1	ABC27287	Oligonucleotide SE
c1473	9.4	37.6	13	1	ABC87858	Oligonucleotide SE	ci546	9.4	37.6	13	1	ABC03044	Oligonucleotide SE
1474	9.4	37.6	13	1	ABC90215	Oligonucleotide SE	ci547	9.4	37.6	13	1	ABC79183	Oligonucleotide SE
c1475	9.4	37.6	13	1	ABC65146	Oligonucleotide SE	1548	9.4	37.6	13	1	ABC05456	Oligonucleotide SE
c1476	9.4	37.6	13	1	ABF24141	Oligonucleotide SE	1549	9.4	37.6	13	1	ABC30500	Oligonucleotide SE
1477	9.4	37.6	13	1	ABF25671	Oligonucleotide SE	ci550	9.4	37.6	13	1	ABC32155	Oligonucleotide SE
c1478	9.4	37.6	13	1	ABF20558	Oligonucleotide SE	ci551	9.4	37.6	13	1	ABC33914	Oligonucleotide SE
1479	9.4	37.6	13	1	ABF96279	Oligonucleotide SE	ci552	9.4	37.6	13	1	ABC85697	Oligonucleotide SE
c1480	9.4	37.6	13	1	ABH25428	Oligonucleotide SE	1553	9.4	37.6	13	1	ABF11145	Oligonucleotide SE
c1481	9.4	37.6	13	1	ABH00774	Oligonucleotide SE	ci554	9.4	37.6	13	1	ABC12128	Oligonucleotide SE
1482	9.4	37.6	13	1	ABF75851	Oligonucleotide SE	1555	9.4	37.6	13	1	ABC12194	Oligonucleotide SE
c1483	9.4	37.6	13	1	ABH01087	Oligonucleotide SE	1556	9.4	37.6	13	1	ABC12323	Oligonucleotide SE
1484	9.4	37.6	13	1	ABH04848	Oligonucleotide SE	ci557	9.4	37.6	13	1	ABC12438	Oligonucleotide SE
c1485	9.4	37.6	13	1	ABF55494	Oligonucleotide SE	ci558	9.4	37.6	13	1	ABC12440	Oligonucleotide SE
1486	9.4	37.6	13	1	ABH08668	Oligonucleotide SE	ci559	9.4	37.6	13	1	ABC38763	Oligonucleotide SE
c1487	9.4	37.6	13	1	ABF59229	Oligonucleotide SE	1560	9.4	37.6	13	1	ABF15811	Oligonucleotide SE
c1488	9.4	37.6	13	1	ABF84500	Oligonucleotide SE	ci561	9.4	37.6	13	1	ABF16738	Oligonucleotide SE
1489	9.4	37.6	13	1	ABF84501	Oligonucleotide SE	1562	9.4	37.6	13	1	ABF16809	Oligonucleotide SE
c1490	9.4	37.6	13	1	ABH34735	Oligonucleotide SE	1563	9.4	37.6	13	1	ABF21434	Oligonucleotide SE
c1491	9.4	37.6	13	1	ABF84984	Oligonucleotide SE	1564	9.4	37.6	13	1	ABF21868	Oligonucleotide SE
1492	9.4	37.6	13	1	ABH12575	Oligonucleotide SE	ci565	9.4	37.6	13	1	ABF22435	Oligonucleotide SE
c1493	9.4	37.6	13	1	ABH38137	Oligonucleotide SE	1566	9.4	37.6	13	1	ABF36262	Oligonucleotide SE

c1567	9.4	37.6	13	1	ABF40235	Oligonucleotide SE
c1568	9.4	37.6	13	1	ABF45145	Oligonucleotide SE
1569	9.4	37.6	13	1	ABF95545	Oligonucleotide SE
c1570	9.4	37.6	13	1	ABF46527	Oligonucleotide SE
c1571	9.4	37.6	13	1	ABF97127	Oligonucleotide SE
c1572	9.4	37.6	13	1	ABH25639	Oligonucleotide SE
c1573	9.4	37.6	13	1	ABF77866	Oligonucleotide SE
c1574	9.4	37.6	13	1	ABF78833	Oligonucleotide SE
c1575	9.4	37.6	13	1	ABF78905	Oligonucleotide SE
1576	9.4	37.6	13	1	ABH05219	Oligonucleotide SE
1577	9.4	37.6	13	1	ABH45651	Oligonucleotide SE
c1578	9.4	37.6	13	1	ABH47077	Oligonucleotide SE
c1579	9.4	37.6	13	1	ABH47384	Oligonucleotide SE
c1580	9.4	37.6	13	1	ABH52039	Oligonucleotide SE
c1581	9.4	37.6	13	1	ABH66104	Oligonucleotide SE
c1582	9.4	37.6	13	1	ABH75149	Oligonucleotide SE
1583	9.4	37.6	13	1	ABC79180	Oligonucleotide SE
1584	9.4	37.6	13	1	ABC79182	Oligonucleotide SE
c1585	9.4	37.6	13	1	ABC81256	Oligonucleotide SE
1586	9.4	37.6	13	1	ABC81257	Oligonucleotide SE
1587	9.4	37.6	13	1	ABC83592	Oligonucleotide SE
c1588	9.4	37.6	13	1	ABC35062	Oligonucleotide SE
1589	9.4	37.6	13	1	ABC12163	Oligonucleotide SE
1590	9.4	37.6	13	1	ABC62126	Oligonucleotide SE
1591	9.4	37.6	13	1	ABC87859	Oligonucleotide SE
1592	9.4	37.6	13	1	ABC38103	Oligonucleotide SE
c1593	9.4	37.6	13	1	ABC13977	Oligonucleotide SE
c1594	9.4	37.6	13	1	ABC64103	Oligonucleotide SE
c1595	9.4	37.6	13	1	ABC40391	Oligonucleotide SE
1596	9.4	37.6	13	1	ABC65147	Oligonucleotide SE
1597	9.4	37.6	13	1	ABF19969	Oligonucleotide SE
1598	9.4	37.6	13	1	ABF22206	Oligonucleotide SE
1599	9.4	37.6	13	1	ABF37216	Oligonucleotide SE
1600	9.4	37.6	13	1	ABF41329	Oligonucleotide SE
1601	9.4	37.6	13	1	ABF41588	Oligonucleotide SE
1602	9.4	37.6	13	1	ABF69829	Oligonucleotide SE
c1603	9.4	37.6	13	1	ABF95544	Oligonucleotide SE
1604	9.4	37.6	13	1	ABF96278	Oligonucleotide SE
1605	9.4	37.6	13	1	ABH23947	Oligonucleotide SE
c1606	9.4	37.6	13	1	ABH23947	Oligonucleotide SE
1607	9.4	37.6	13	1	ABF49966	Oligonucleotide SE
1608	9.4	37.6	13	1	ABH25142	Oligonucleotide SE
1609	9.4	37.6	13	1	ABH25429	Oligonucleotide SE
1610	9.4	37.6	13	1	ABH38582	Oligonucleotide SE
c1611	9.4	37.6	13	1	ABH44834	Oligonucleotide SE
1612	9.4	37.6	13	1	ABH48923	Oligonucleotide SE
1613	9.4	37.6	13	1	ABH66105	Oligonucleotide SE
c1614	9.4	37.6	13	1	ABH66343	Oligonucleotide SE
1615	9.4	37.6	13	1	ABC67416	Oligonucleotide SE
1616	9.4	37.6	13	1	ABC43184	Oligonucleotide SE
1617	9.4	37.6	13	1	ABC43189	Oligonucleotide SE
c1618	9.4	37.6	13	1	ABC18774	Oligonucleotide SE
1619	9.4	37.6	13	1	ABC19762	Oligonucleotide SE
c1620	9.4	37.6	13	1	ABF00788	Oligonucleotide SE
1621	9.4	37.6	13	1	ABF01321	Oligonucleotide SE
1622	9.4	37.6	13	1	ABC08273	Oligonucleotide SE
1623	9.4	37.6	13	1	ABC83766	Oligonucleotide SE
1624	9.4	37.6	13	1	ABC84030	Oligonucleotide SE
1625	9.4	37.6	13	1	ABC59318	Oligonucleotide SE
1626	9.4	37.6	13	1	ABC35025	Oligonucleotide SE
1627	9.4	37.6	13	1	ABF14479	Oligonucleotide SE
c1628	9.4	37.6	13	1	ABF21435	Oligonucleotide SE
1629	9.4	37.6	13	1	ABF23680	Oligonucleotide SE
1630	9.4	37.6	13	1	ABF34009	Oligonucleotide SE
c1631	9.4	37.6	13	1	ABH18508	Oligonucleotide SE
1632	9.4	37.6	13	1	ABF48350	Oligonucleotide SE
c1633	9.4	37.6	13	1	ABF48350	Oligonucleotide SE
c1634	9.4	37.6	13	1	ABH24842	Oligonucleotide SE
1635	9.4	37.6	13	1	ABH25100	Oligonucleotide SE
c1636	9.4	37.6	13	1	ABH00326	Oligonucleotide SE
c1637	9.4	37.6	13	1	ABF75800	Oligonucleotide SE
1638	9.4	37.6	13	1	ABH01336	Oligonucleotide SE
c1639	9.4	37.6	13	1	ABH01337	Oligonucleotide SE
1640	9.4	37.6	13	1	ABH02292	Oligonucleotide SE
c1641	9.4	37.6	13	1	ABF77867	Oligonucleotide SE
c1642	9.4	37.6	13	1	ABF80855	Oligonucleotide SE
c1643	9.4	37.6	13	1	ABH06805	Oligonucleotide SE
1644	9.4	37.6	13	1	ABF81759	Oligonucleotide SE
1645	9.4	37.6	13	1	ABH07085	Oligonucleotide SE
1646	9.4	37.6	13	1	ABH34737	Oligonucleotide SE
c1647	9.4	37.6	13	1	ABF85342	Oligonucleotide SE
1648	9.4	37.6	13	1	ABH11927	Oligonucleotide SE
c1649	9.4	37.6	13	1	ABH36990	Oligonucleotide SE
1650	9.4	37.6	13	1	ABF61912	Oligonucleotide SE
c1651	9.4	37.6	13	1	ABF61913	Oligonucleotide SE
c1652	9.4	37.6	13	1	ABF87122	Oligonucleotide SE
c1653	9.4	37.6	13	1	ABH14805	Oligonucleotide SE
1654	9.4	37.6	13	1	ABH48071	Oligonucleotide SE
c1655	9.4	37.6	13	1	ABH50663	Oligonucleotide SE
1656	9.4	37.6	13	1	ABH52217	Oligonucleotide SE
c1657	9.4	37.6	13	1	ABH61005	Oligonucleotide SE
1658	9.4	37.6	13	1	ABC47045	Oligonucleotide SE
1659	9.4	37.6	13	1	ABC22334	Oligonucleotide SE
c1660	9.4	37.6	13	1	ABC22334	Oligonucleotide SE
1661	9.4	37.6	13	1	ABC22479	Oligonucleotide SE
c1662	9.4	37.6	13	1	ABC25671	Oligonucleotide SE
1663	9.4	37.6	13	1	ABF00789	Oligonucleotide SE
c1664	9.4	37.6	13	1	ABC25685	Oligonucleotide SE
1665	9.4	37.6	13	1	ABC52247	Oligonucleotide SE
1666	9.4	37.6	13	1	ABC30664	Oligonucleotide SE
1667	9.4	37.6	13	1	ABC30819	Oligonucleotide SE
1668	9.4	37.6	13	1	ABC30997	Oligonucleotide SE
c1669	9.4	37.6	13	1	ABF06247	Oligonucleotide SE
c1670	9.4	37.6	13	1	ABC31786	Oligonucleotide SE
1671	9.4	37.6	13	1	ABC34190	Oligonucleotide SE
c1672	9.4	37.6	13	1	ABF09319	Oligonucleotide SE
c1673	9.4	37.6	13	1	ABC44460	Oligonucleotide SE
c1674	9.4	37.6	13	1	ABC35759	Oligonucleotide SE
c1675	9.4	37.6	13	1	ABC61288	Oligonucleotide SE
1676	9.4	37.6	13	1	ABC86584	Oligonucleotide SE
c1677	9.4	37.6	13	1	ABC39967	Oligonucleotide SE
1678	9.4	37.6	13	1	ABC90210	Oligonucleotide SE
c1679	9.4	37.6	13	1	ABC90214	Oligonucleotide SE
c1680	9.4	37.6	13	1	ABF15840	Oligonucleotide SE
c1681	9.4	37.6	13	1	ABC66149	Oligonucleotide SE
1682	9.4	37.6	13	1	ABF16739	Oligonucleotide SE
1683	9.4	37.6	13	1	ABF16741	Oligonucleotide SE
1684	9.4	37.6	13	1	ABF19515	Oligonucleotide SE
1685	9.4	37.6	13	1	ABF24140	Oligonucleotide SE
1686	9.4	37.6	13	1	ABF28265	Oligonucleotide SE
c1687	9.4	37.6	13	1	ABF37217	Oligonucleotide SE
1688	9.4	37.6	13	1	ABH19428	Oligonucleotide SE
c1689	9.4	37.6	13	1	ABH19804	Oligonucleotide SE
c1690	9.4	37.6	13	1	ABF71194	Oligonucleotide SE
1691	9.4	37.6	13	1	ABF97126	Oligonucleotide SE
1692	9.4	37.6	13	1	ABH23946	Oligonucleotide SE
c1693	9.4	37.6	13	1	ABH23946	Oligonucleotide SE
1694	9.4	37.6	13	1	ABF73964	Oligonucleotide SE
1695	9.4	37.6	13	1	ABF75294	Oligonucleotide SE
c1696	9.4	37.6	13	1	ABH01288	Oligonucleotide SE
c1697	9.4	37.6	13	1	ABF77599	Oligonucleotide SE
c1698	9.4	37.6	13	1	ABF83254	Oligonucleotide SE
1699	9.4	37.6	13	1	ABH34134	Oligonucleotide SE
1700	9.4	37.6	13	1	ABH34177	Oligonucleotide SE
c1701	9.4	37.6	13	1	ABH34734	Oligonucleotide SE
c1702	9.4	37.6	13	1	ABF64233	Oligonucleotide SE
1703	9.4	37.6	13	1	ABH14745	Oligonucleotide SE
1704	9.4	37.6	13	1	ABH14804	Oligonucleotide SE
c1705	9.4	37.6	13	1	ABH54060	Oligonucleotide SE
c1706	9.4	37.6	13	1	ABH64841	Oligonucleotide SE
c1707	9.4	37.6	13	1	ABH66098	Oligonucleotide SE
c1708	9.4	37.6	13	1	ABC20813	Oligonucleotide SE
1709	9.4	37.6	13	1	ABC46087	Oligonucleotide SE
c1710	9.4	37.6	13	1	ABC98712	Oligonucleotide SE
c1711	9.4	37.6	13	1	ABC24786	Oligonucleotide SE
c1712	9.4	37.6	13	1	ABF00063	Oligonucleotide SE

c1713	9.4	37.6	13	1	ABC26684	Oligonucleotide SE	c1786	9	36.0	10	1	AAF38353	Yeast NORF gene SA
c1714	9.4	37.6	13	1	ABC27613	Oligonucleotide SE	1787	9	36.0	10	1	AAF38828	Yeast NORF gene SA
c1715	9.4	37.6	13	1	ABC52874	Oligonucleotide SE	c1788	9	36.0	10	1	AAF33755	Yeast NORF gene SA
c1716	9.4	37.6	13	1	ABC31100	Oligonucleotide SE	c1789	9	36.0	10	1	AAF2630	Yeast NORF gene SA
c1717	9.4	37.6	13	1	ABC32028	Oligonucleotide SE	1790	9	36.0	10	1	AAF38599	Yeast NORF gene SA
c1718	9.4	37.6	13	1	ABC33915	Oligonucleotide SE	1791	9	36.0	10	1	ABR85880	Human SCYB6 gene P
c1719	9.4	37.6	13	1	ABC33929	Oligonucleotide SE	1792	9	36.0	11	1	AAF7654	Human SCYB6 gene P
c1720	9.4	37.6	13	1	ABF093118	Oligonucleotide SE	1793	9	36.0	11	1	AAF76413	Pax-6 P3 binding s
c1721	9.4	37.6	13	1	ABC60252	Oligonucleotide SE	c1794	9	36.0	11	1	ABQ86599	Human skin stress/
c1722	9.4	37.6	13	1	ABCI11597	Oligonucleotide SE	c1795	9	36.0	11	1	ABV67438	Human skin EST 522
c1723	9.4	37.6	13	1	ABC12764	Oligonucleotide SE	c1796	9	36.0	11	1	ADK61681	Candidate ancesetra
c1724	9.4	37.6	13	1	ABF14478	Oligonucleotide SE	c1797	9	36.0	11	1	ADQ33321	Human facial skin-
c1725	9.4	37.6	13	1	ABF14594	Oligonucleotide SE	c1798	9	36.0	11	1	ADR33560	E. coli strain O15
c1726	9.4	37.6	13	1	ABC66056	Oligonucleotide SE	c1799	9	36.0	11	1	ADR32421	E. coli nicking ag
c1727	9.4	37.6	13	1	ABF19514	Oligonucleotide SE	c1800	9	36.0	11	1	ADR32390	E. coli nicking ag
c1728	9.4	37.6	13	1	ABF68828	Oligonucleotide SE	1801	9	36.0	12	1	ABT07347	Oligonucleotide pr
c1729	9.4	37.6	13	1	ABH19805	Oligonucleotide SE	1802	9	36.0	12	1	ABT34524	Oligonucleotide pr
c1730	9.4	37.6	13	1	ABF70312	Oligonucleotide SE	1803	9	36.0	12	1	ABT35016	Oligonucleotide pr
c1731	9.4	37.6	13	1	ABF73965	Oligonucleotide SE	1804	9	36.0	12	1	ABT47230	Oligonucleotide pr
c1732	9.4	37.6	13	1	ABH24843	Oligonucleotide SE	c1805	9	36.0	12	1	ABT71765	Oligonucleotide pr
c1733	9.4	37.6	13	1	ABF75295	Oligonucleotide SE	1806	9	36.0	12	1	ABT59887	Oligonucleotide pr
c1734	9.4	37.6	13	1	ABF84985	Oligonucleotide SE	c1807	9	36.0	12	1	ABT79835	Oligonucleotide pr
c1735	9.4	37.6	13	1	ABF76732	Oligonucleotide SE	c1808	9	36.0	12	1	ABH73393	Oligonucleotide pr
c1736	9.4	37.6	13	1	ABF77598	Oligonucleotide SE	c1809	9	36.0	12	1	ABT23854	Oligonucleotide pr
c1737	9.4	37.6	13	1	ABF55495	Oligonucleotide SE	1810	9	36.0	12	1	ABH76848	Oligonucleotide pr
c1738	9.4	37.6	13	1	ABH34736	Oligonucleotide SE	1811	9	36.0	12	1	ABH85507	Oligonucleotide pr
c1739	9.4	37.6	13	1	ABF84985	Oligonucleotide SE	c1812	9	36.0	12	1	ABT40133	Oligonucleotide pr
c1740	9.4	37.6	13	1	ABF62152	Oligonucleotide SE	1813	9	36.0	12	1	ABT45527	Oligonucleotide pr
c1741	9.4	37.6	13	1	ABF62153	Oligonucleotide SE	c1814	9	36.0	12	1	ABT51583	Oligonucleotide pr
c1742	9.4	37.6	13	1	ABH45189	Oligonucleotide SE	c1815	9	36.0	12	1	ABT51931	Oligonucleotide pr
c1743	9.4	37.6	13	1	ABH46148	Oligonucleotide SE	c1816	9	36.0	12	1	ABT67877	Oligonucleotide pr
c1744	9.4	37.6	13	1	ABH47076	Oligonucleotide SE	c1817	9	36.0	12	1	ABT67877	Oligonucleotide pr
c1745	9.4	37.6	13	1	ABH64637	Oligonucleotide SE	c1818	9	36.0	12	1	ABT62379	Oligonucleotide pr
c1746	9.4	37.6	13	1	ABC20796	Oligonucleotide SE	c1819	9	36.0	12	1	ABT79794	Oligonucleotide pr
c1747	9.4	37.6	13	1	ABC98863	Oligonucleotide SE	c1820	9	36.0	12	1	ABT18775	Oligonucleotide pr
c1748	9.4	37.6	13	1	ABC75458	Oligonucleotide SE	1821	9	36.0	12	1	ABT24893	Oligonucleotide pr
c1749	9.4	37.6	13	1	ABC28680	Oligonucleotide SE	c1822	9	36.0	12	1	ABT02751	Oligonucleotide pr
c1750	9.4	37.6	13	1	ABC28821	Oligonucleotide SE	c1823	9	36.0	12	1	ABT79014	Oligonucleotide pr
c1751	9.4	37.6	13	1	ABF79867	Oligonucleotide SE	1824	9	36.0	12	1	ABT16450	Oligonucleotide pr
c1752	9.4	37.6	13	1	ABC30501	Oligonucleotide SE	1825	9	36.0	12	1	ABT52726	Oligonucleotide pr
c1753	9.4	37.6	13	1	ABF06246	Oligonucleotide SE	c1826	9	36.0	12	1	ABT69305	Oligonucleotide pr
c1754	9.4	37.6	13	1	ABC31787	Oligonucleotide SE	1827	9	36.0	12	1	ABT55355	Oligonucleotide pr
c1755	9.4	37.6	13	1	ABC07430	Oligonucleotide SE	1828	9	36.0	12	1	ABT58646	Oligonucleotide pr
c1756	9.4	37.6	13	1	ABC82271	Oligonucleotide SE	1829	9	36.0	12	1	ABT82061	Oligonucleotide pr
c1757	9.4	37.6	13	1	ABC08255	Oligonucleotide SE	c1830	9	36.0	12	1	ABH94950	Oligonucleotide pr
c1758	9.4	37.6	13	1	ABC35024	Oligonucleotide SE	1831	9	36.0	12	1	ABT44165	Oligonucleotide pr
c1759	9.4	37.6	13	1	ABC35278	Oligonucleotide SE	c1832	9	36.0	12	1	ABT44799	Oligonucleotide pr
c1760	9.4	37.6	13	1	ABF14595	Oligonucleotide SE	1833	9	36.0	12	1	ABT49399	Oligonucleotide pr
c1761	9.4	37.6	13	1	ABC16345	Oligonucleotide SE	1834	9	36.0	12	1	ABT49400	Oligonucleotide pr
c1762	9.4	37.6	13	1	ABC41103	Oligonucleotide SE	c1835	9	36.0	12	1	ABT50404	Oligonucleotide pr
c1763	9.4	37.6	13	1	ABF22434	Oligonucleotide SE	1836	9	36.0	12	1	ABT59255	Oligonucleotide pr
c1764	9.4	37.6	13	1	ABF23691	Oligonucleotide SE	1837	9	36.0	12	1	ABT77259	Oligonucleotide pr
c1765	9.4	37.6	13	1	ABF25668	Oligonucleotide SE	1838	9	36.0	12	1	ABT64167	Oligonucleotide pr
c1766	9.4	37.6	13	1	ABF92843	Oligonucleotide SE	c1839	9	36.0	12	1	ABT19395	Oligonucleotide pr
c1767	9.4	37.6	13	1	ABH17990	Oligonucleotide SE	c1840	9	36.0	12	1	ABT21897	Oligonucleotide pr
c1768	9.4	37.6	13	1	ABF70593	Oligonucleotide SE	c1841	9	36.0	12	1	ABT21118	Oligonucleotide pr
c1769	9.4	37.6	13	1	ABF75127	Oligonucleotide SE	c1842	9	36.0	12	1	ABH73257	Oligonucleotide pr
c1770	9.4	37.6	13	1	ABH02293	Oligonucleotide SE	c1843	9	36.0	12	1	ABH75563	Oligonucleotide pr
c1771	9.4	37.6	13	1	ABH28016	Oligonucleotide SE	c1844	9	36.0	12	1	ABT28913	Oligonucleotide pr
c1772	9.4	37.6	13	1	ABH03180	Oligonucleotide SE	1845	9	36.0	12	1	ABH82457	Oligonucleotide pr
c1773	9.4	37.6	13	1	ABF78709	Oligonucleotide SE	c1846	9	36.0	12	1	ABT32777	Oligonucleotide pr
c1774	9.4	37.6	13	1	ABH06243	Oligonucleotide SE	c1847	9	36.0	12	1	ABT48831	Oligonucleotide pr
c1775	9.4	37.6	13	1	ABH07082	Oligonucleotide SE	1848	9	36.0	12	1	ABT70463	Oligonucleotide pr
c1776	9.4	37.6	13	1	ABH07084	Oligonucleotide SE	c1849	9	36.0	12	1	ABH92968	Oligonucleotide pr
c1777	9.4	37.6	13	1	ABH07608	Oligonucleotide SE	c1850	9	36.0	12	1	ABT21521	Oligonucleotide pr
c1778	9.4	37.6	13	1	ABF64232	Oligonucleotide SE	1851	9	36.0	12	1	ABT25850	Oligonucleotide pr
c1779	9.4	37.6	13	1	ABH45483	Oligonucleotide SE	c1852	9	36.0	12	1	ABT06850	Oligonucleotide pr
c1780	9.4	37.6	13	1	ABH48070	Oligonucleotide SE	c1853	9	36.0	12	1	ABT53318	Oligonucleotide pr
c1781	9.4	37.6	13	1	ABH52598	Oligonucleotide SE	c1854	9	36.0	12	1	ABT56688	Oligonucleotide pr
c1782	9.4	37.6	13	1	ABH58922	Oligonucleotide SE	c1855	9	36.0	12	1	ABT80288	Oligonucleotide pr
c1783	9.4	37.6	13	1	ABH58923	Oligonucleotide SE	1856	9	36.0	12	1	ABT25339	Oligonucleotide pr
c1784	9.4	37.6	13	1	ABH66342	Oligonucleotide SE	1857	9	36.0	12	1	ABH78194	Oligonucleotide pr
c1785	9	36.0	10	1	AA285396	Metastatic breast	1858	9	36.0	12	1	ABH78538	Oligonucleotide pr

c1859	1859	9	36.0	12	1	ABH78987	Oligonucleotide pr
c1860	1860	9	36.0	12	1	ABI29665	Oligonucleotide pr
c1861	1861	9	36.0	12	1	ABH91866	Oligonucleotide pr
c1862	1862	9	36.0	12	1	ABI43742	Oligonucleotide pr
c1863	1863	9	36.0	12	1	ABI52790	Oligonucleotide pr
c1864	1864	9	36.0	12	1	ABI71736	Oligonucleotide pr
c1865	1865	9	36.0	12	1	ABI64519	Oligonucleotide pr
c1866	1866	9	36.0	12	1	ABI20614	Oligonucleotide pr
c1867	1867	9	36.0	12	1	ABI25456	Oligonucleotide pr
c1868	1868	9	36.0	12	1	ABI28166	Oligonucleotide pr
c1869	1869	9	36.0	12	1	ABI07004	Oligonucleotide pr
c1870	1870	9	36.0	12	1	ABI09671	Oligonucleotide pr
c1871	1871	9	36.0	12	1	ABI37391	Oligonucleotide pr
c1872	1872	9	36.0	12	1	ABI40438	Oligonucleotide pr
c1873	1873	9	36.0	12	1	ABI41987	Oligonucleotide pr
c1874	1874	9	36.0	12	1	ABI51699	Oligonucleotide pr
c1875	1875	9	36.0	12	1	ABI52450	Oligonucleotide pr
c1876	1876	9	36.0	12	1	ABI70634	Oligonucleotide pr
c1877	1877	9	36.0	12	1	ABI71359	Oligonucleotide pr
c1878	1878	9	36.0	12	1	ABI74302	Oligonucleotide pr
c1879	1879	9	36.0	12	1	ABI24817	Oligonucleotide pr
c1880	1880	9	36.0	12	1	ABI26210	Oligonucleotide pr
c1881	1881	9	36.0	12	1	ABI29631	Oligonucleotide pr
c1882	1882	9	36.0	12	1	ABI05993	Oligonucleotide pr
c1883	1883	9	36.0	12	1	ABI55917	Oligonucleotide pr
c1884	1884	9	36.0	12	1	ABI57498	Oligonucleotide pr
c1885	1885	9	36.0	12	1	ABH73064	Oligonucleotide pr
c1886	1886	9	36.0	12	1	ABI34243	Oligonucleotide pr
c1887	1887	9	36.0	12	1	ABI37483	Oligonucleotide pr
c1888	1888	9	36.0	12	1	ABI13364	Oligonucleotide pr
c1889	1889	9	36.0	12	1	ABH90932	Oligonucleotide pr
c1890	1890	9	36.0	12	1	ABI46618	Oligonucleotide pr
c1891	1891	9	36.0	12	1	ABI18337	Oligonucleotide pr
c1892	1892	9	36.0	12	1	ABI00025	Oligonucleotide pr
c1893	1893	9	36.0	12	1	ABI01272	Oligonucleotide pr
c1894	1894	9	36.0	12	1	ABI33072	Oligonucleotide pr
c1895	1895	9	36.0	12	1	ABI36039	Oligonucleotide pr
c1896	1896	9	36.0	12	1	ABI40477	Oligonucleotide pr
c1897	1897	9	36.0	12	1	ABI52983	Oligonucleotide pr
c1898	1898	9	36.0	12	1	ABI67515	Oligonucleotide pr
c1899	1899	9	36.0	12	1	ABI56687	Oligonucleotide pr
c1900	1900	9	36.0	12	1	ABI56949	Oligonucleotide pr
c1901	1901	9	36.0	12	1	ABI71794	Oligonucleotide pr
c1902	1902	9	36.0	12	1	ABI63299	Oligonucleotide pr
c1903	1903	9	36.0	12	1	ABI68272	Oligonucleotide pr
c1904	1904	9	36.0	12	1	ABH95631	Oligonucleotide pr
c1905	1905	9	36.0	12	1	ABH76636	Oligonucleotide pr
c1906	1906	9	36.0	12	1	ABI12727	Oligonucleotide pr
c1907	1907	9	36.0	12	1	ABH90933	Oligonucleotide pr
c1908	1908	9	36.0	12	1	ABI41738	Oligonucleotide pr
c1909	1909	9	36.0	12	1	ABI70116	Oligonucleotide pr
c1910	1910	9	36.0	12	1	ABI73281	Oligonucleotide pr
c1911	1911	9	36.0	12	1	ABI64412	Oligonucleotide pr
c1912	1912	9	36.0	12	1	ABH75884	Oligonucleotide pr
c1913	1913	9	36.0	12	1	ABI27680	Oligonucleotide pr
c1914	1914	9	36.0	12	1	ABH80951	Oligonucleotide pr
c1915	1915	9	36.0	12	1	ABI08851	Oligonucleotide pr
c1916	1916	9	36.0	12	1	ABH86017	Oligonucleotide pr
c1917	1917	9	36.0	12	1	ABI46353	Oligonucleotide pr
c1918	1918	9	36.0	12	1	ABI49397	Oligonucleotide pr
c1919	1919	9	36.0	12	1	ABI56692	Oligonucleotide pr
c1920	1920	9	36.0	12	1	ABI58956	Oligonucleotide pr
c1921	1921	9	36.0	12	1	ABI60156	Oligonucleotide pr
c1922	1922	9	36.0	12	1	ABI26043	Oligonucleotide pr
c1923	1923	9	36.0	12	1	ABH76768	Oligonucleotide pr
c1924	1924	9	36.0	12	1	ABH85331	Oligonucleotide pr
c1925	1925	9	36.0	12	1	ABI38906	Oligonucleotide pr
c1926	1926	9	36.0	12	1	ABH90127	Oligonucleotide pr
c1927	1927	9	36.0	12	1	ABI15683	Oligonucleotide pr
c1928	1928	9	36.0	12	1	ABI16061	Oligonucleotide pr
c1929	1929	9	36.0	12	1	ABI59931	Oligonucleotide pr
c1930	1930	9	36.0	12	1	ABI60616	Oligonucleotide pr
c1931	1931	9	36.0	12	1	ABH92571	Oligonucleotide pr
c1932	1932	9	36.0	12	1	ABH70698	Oligonucleotide pr
c1933	1933	9	36.0	12	1	ABI12407	Oligonucleotide pr
c1934	1934	9	36.0	12	1	ABI49961	Oligonucleotide pr
c1935	1935	9	36.0	12	1	ABI67730	Oligonucleotide pr
c1936	1936	9	36.0	12	1	ABI56383	Oligonucleotide pr
c1937	1937	9	36.0	12	1	ABI56619	Oligonucleotide pr
c1938	1938	9	36.0	12	1	ABI78786	Oligonucleotide pr
c1939	1939	9	36.0	12	1	ABI66009	Oligonucleotide pr
c1940	1940	9	36.0	12	1	ABI60043	Oligonucleotide pr
c1941	1941	9	36.0	12	1	ABI76017	Oligonucleotide pr
c1942	1942	9	36.0	12	1	ABI81775	Oligonucleotide pr
c1943	1943	9	36.0	12	1	AD51557	Human BCA3 cDNA fr
c1944	1944	8.8	35.2	12	1	ABI81154	Oligonucleotide pr
c1945	1945	8.8	35.2	12	1	ABH89289	Oligonucleotide pr
c1946	1946	8.8	35.2	12	1	ABI40580	Oligonucleotide pr
c1947	1947	8.8	35.2	12	1	AAV60102	Probe used to date
c1948	1948	8.8	35.2	12	1	ABH93153	Oligonucleotide pr
c1949	1949	8.8	35.2	12	1	ABH93860	Oligonucleotide pr
c1950	1950	8.8	35.2	12	1	ABI20909	Oligonucleotide pr
c1951	1951	8.8	35.2	12	1	ABH72680	Oligonucleotide pr
c1952	1952	8.8	35.2	12	1	ABH72680	Oligonucleotide pr
c1953	1953	8.8	35.2	12	1	ABH73312	Oligonucleotide pr
c1954	1954	8.8	35.2	12	1	ABI24962	Oligonucleotide pr
c1955	1955	8.8	35.2	12	1	ABI24968	Oligonucleotide pr
c1956	1956	8.8	35.2	12	1	ABI00644	Oligonucleotide pr
c1957	1957	8.8	35.2	12	1	ABI01678	Oligonucleotide pr
c1958	1958	8.8	35.2	12	1	ABH77281	Oligonucleotide pr
c1959	1959	8.8	35.2	12	1	ABH78364	Oligonucleotide pr
c1960	1960	8.8	35.2	12	1	ABH79177	Oligonucleotide pr
c1961	1961	8.8	35.2	12	1	ABI04947	Oligonucleotide pr
c1962	1962	8.8	35.2	12	1	ABH80168	Oligonucleotide pr
c1963	1963	8.8	35.2	12	1	ABH81728	Oligonucleotide pr
c1964	1964	8.8	35.2	12	1	ABI32360	Oligonucleotide pr
c1965	1965	8.8	35.2	12	1	ABI32867	Oligonucleotide pr
c1966	1966	8.8	35.2	12	1	ABH83354	Oligonucleotide pr
c1967	1967	8.8	35.2	12	1	ABI09019	Oligonucleotide pr
c1968	1968	8.8	35.2	12	1	ABI35235	Oligonucleotide pr
c1969	1969	8.8	35.2	12	1	ABH87505	Oligonucleotide pr
c1970	1970	8.8	35.2	12	1	ABH37998	Oligonucleotide pr
c1971	1971	8.8	35.2	12	1	ABH90695	Oligonucleotide pr
c1972	1972	8.8	35.2	12	1	ABI41403	Oligonucleotide pr
c1973	1973	8.8	35.2	12	1	ABI16435	Oligonucleotide pr
c1974	1974	8.8	35.2	12	1	ABI42304	Oligonucleotide pr
c1975	1975	8.8	35.2	12	1	ABI42700	Oligonucleotide pr
c1976	1976	8.8	35.2	12	1	ABI45443	Oligonucleotide pr
c1977	1977	8.8	35.2	12	1	ABI46021	Oligonucleotide pr
c1978	1978	8.8	35.2	12	1	ABI48931	Oligonucleotide pr
c1979	1979	8.8	35.2	12	1	ABI49694	Oligonucleotide pr
c1980	1980	8.8	35.2	12	1	ABI51021	Oligonucleotide pr
c1981	1981	8.8	35.2	12	1	ABI51746	Oligonucleotide pr
c1982	1982	8.8	35.2	12	1	ABI54692	Oligonucleotide pr
c1983	1983	8.8	35.2	12	1	ABI55056	Oligonucleotide pr
c1984	1984	8.8	35.2	12	1	ABI70417	Oligonucleotide pr
c1985	1985	8.8	35.2	12	1	ABI60166	Oligonucleotide pr
c1986	1986	8.8	35.2	12	1	ABI62360	Oligonucleotide pr
c1987	1987	8.8	35.2	12	1	ABI76531	Oligonucleotide pr
c1988	1988	8.8	35.2	12	1	ABI76761	Oligonucleotide pr
c1989	1989	8.8	35.2	12	1	ABI76859	Oligonucleotide pr
c1990	1990	8.8	35.2	12	1	ABI63467	Oligonucleotide pr
c1991	1991	8.8	35.2	12	1	ABI63901	Oligonucleotide pr
c1992	1992	8.8	35.2	12	1	ABI65576	Oligonucleotide pr
c1993	1993	8.8	35.2	12	1	ABH92614	Oligonucleotide pr
c1994	1994	8.8	35.2	12	1	ABH93063	Oligonucleotide pr
c1995	1995	8.8	35.2	12	1	ABH68674	Oligonucleotide pr
c1996	1996	8.8	35.2	12	1	ABH94510	Oligonucleotide pr
c1997	1997	8.8	35.2	12	1	ABI20198	Oligonucleotide pr
c1998	1998	8.8	35.2	12	1	ABI22187	Oligonucleotide pr
c1999	1999	8.8	35.2	12	1	ABH98895	Oligonucleotide pr
c2000	2000	8.8	35.2	12	1	ABI25705	Oligonucleotide pr
c2001	2001	8.8	35.2	12	1	ABI26161	Oligonucleotide pr
c2002	2002	8.8	35.2	12	1	ABI02067	Oligonucleotide pr
c2003	2003	8.8	35.2	12	1	ABH77129	Oligonucleotide pr
c2004	2004	8.8	35.2	12	1	ABI28174	Oligonucleotide pr



c2005	8.8	35.2	12	1	ABH81311	Oligonucleotide pr	2078	8.8	35.2	12	1	ABH74002	Oligonucleotide pr
c2006	8.8	35.2	12	1	AB131568	Oligonucleotide pr	2079	8.8	35.2	12	1	AB124783	Oligonucleotide pr
c2007	8.8	35.2	12	1	AB107764	Oligonucleotide pr	c2080	8.8	35.2	12	1	ABH75576	Oligonucleotide pr
c2008	8.8	35.2	12	1	AB134421	Oligonucleotide pr	c2081	8.8	35.2	12	1	AB126239	Oligonucleotide pr
c2009	8.8	35.2	12	1	AB134855	Oligonucleotide pr	c2082	8.8	35.2	12	1	AB126592	Oligonucleotide pr
c2010	8.8	35.2	12	1	ABH85684	Oligonucleotide pr	c2083	8.8	35.2	12	1	ABH79146	Oligonucleotide pr
c2011	8.8	35.2	12	1	AB136163	Oligonucleotide pr	c2084	8.8	35.2	12	1	ABH79358	Oligonucleotide pr
c2012	8.8	35.2	12	1	AB111627	Oligonucleotide pr	c2085	8.8	35.2	12	1	ABH81832	Oligonucleotide pr
c2013	8.8	35.2	12	1	ABH87459	Oligonucleotide pr	c2086	8.8	35.2	12	1	AB133029	Oligonucleotide pr
c2014	8.8	35.2	12	1	ABH87642	Oligonucleotide pr	c2087	8.8	35.2	12	1	AB108429	Oligonucleotide pr
c2015	8.8	35.2	12	1	AB138172	Oligonucleotide pr	c2088	8.8	35.2	12	1	AB109198	Oligonucleotide pr
c2016	8.8	35.2	12	1	ABH88845	Oligonucleotide pr	c2089	8.8	35.2	12	1	ABH85381	Oligonucleotide pr
c2017	8.8	35.2	12	1	AB116082	Oligonucleotide pr	c2090	8.8	35.2	12	1	ABH86709	Oligonucleotide pr
c2018	8.8	35.2	12	1	AB148757	Oligonucleotide pr	c2091	8.8	35.2	12	1	AB113220	Oligonucleotide pr
c2019	8.8	35.2	12	1	AB169970	Oligonucleotide pr	c2092	8.8	35.2	12	1	AB113935	Oligonucleotide pr
c2020	8.8	35.2	12	1	AB156409	Oligonucleotide pr	c2093	8.8	35.2	12	1	AB117287	Oligonucleotide pr
c2021	8.8	35.2	12	1	AB156409	Oligonucleotide pr	c2094	8.8	35.2	12	1	AB143149	Oligonucleotide pr
c2022	8.8	35.2	12	1	AB156474	Oligonucleotide pr	c2095	8.8	35.2	12	1	AB143528	Oligonucleotide pr
c2023	8.8	35.2	12	1	AB158871	Oligonucleotide pr	c2096	8.8	35.2	12	1	AB145243	Oligonucleotide pr
c2024	8.8	35.2	12	1	AB173105	Oligonucleotide pr	c2097	8.8	35.2	12	1	AB147547	Oligonucleotide pr
c2025	8.8	35.2	12	1	AB159417	Oligonucleotide pr	c2098	8.8	35.2	12	1	AB148687	Oligonucleotide pr
c2026	8.8	35.2	12	1	AB174026	Oligonucleotide pr	c2099	8.8	35.2	12	1	AB152604	Oligonucleotide pr
c2027	8.8	35.2	12	1	AB174085	Oligonucleotide pr	c2100	8.8	35.2	12	1	AB160409	Oligonucleotide pr
c2028	8.8	35.2	12	1	AB160751	Oligonucleotide pr	c2101	8.8	35.2	12	1	AB161249	Oligonucleotide pr
c2029	8.8	35.2	12	1	AB161401	Oligonucleotide pr	c2102	8.8	35.2	12	1	AB177146	Oligonucleotide pr
c2030	8.8	35.2	12	1	AB178003	Oligonucleotide pr	c2103	8.8	35.2	12	1	AB178163	Oligonucleotide pr
c2031	8.8	35.2	12	1	AB180199	Oligonucleotide pr	c2104	8.8	35.2	12	1	AB179058	Oligonucleotide pr
c2032	8.8	35.2	12	1	AB180675	Oligonucleotide pr	c2105	8.8	35.2	12	1	AB179193	Oligonucleotide pr
c2033	8.8	35.2	12	1	ABH68487	Oligonucleotide pr	c2106	8.8	35.2	12	1	AB165918	Oligonucleotide pr
c2034	8.8	35.2	12	1	ABH70996	Oligonucleotide pr	c2107	8.8	35.2	12	1	AB167315	Oligonucleotide pr
c2035	8.8	35.2	12	1	ABH72221	Oligonucleotide pr	c2108	8.8	35.2	12	1	AB181984	Oligonucleotide pr
c2036	8.8	35.2	12	1	AB122565	Oligonucleotide pr	c2109	8.8	35.2	12	1	ABH92821	Oligonucleotide pr
c2037	8.8	35.2	12	1	ABH98851	Oligonucleotide pr	c2110	8.8	35.2	12	1	ABH68064	Oligonucleotide pr
c2038	8.8	35.2	12	1	ABH98964	Oligonucleotide pr	c2111	8.8	35.2	12	1	AB118386	Oligonucleotide pr
c2039	8.8	35.2	12	1	AB100877	Oligonucleotide pr	c2112	8.8	35.2	12	1	ABH68431	Oligonucleotide pr
c2040	8.8	35.2	12	1	AB101771	Oligonucleotide pr	c2113	8.8	35.2	12	1	ABH68610	Oligonucleotide pr
c2041	8.8	35.2	12	1	AB126946	Oligonucleotide pr	c2114	8.8	35.2	12	1	ABH70937	Oligonucleotide pr
c2042	8.8	35.2	12	1	ABH77030	Oligonucleotide pr	c2115	8.8	35.2	12	1	ABH96158	Oligonucleotide pr
c2043	8.8	35.2	12	1	AB129199	Oligonucleotide pr	c2116	8.8	35.2	12	1	ABH71478	Oligonucleotide pr
c2044	8.8	35.2	12	1	ABH80107	Oligonucleotide pr	c2117	8.8	35.2	12	1	ABH72650	Oligonucleotide pr
c2045	8.8	35.2	12	1	ABH80304	Oligonucleotide pr	c2118	8.8	35.2	12	1	ABH74553	Oligonucleotide pr
c2046	8.8	35.2	12	1	ABH81296	Oligonucleotide pr	c2119	8.8	35.2	12	1	AB100916	Oligonucleotide pr
c2047	8.8	35.2	12	1	ABH81446	Oligonucleotide pr	c2120	8.8	35.2	12	1	AB126745	Oligonucleotide pr
c2048	8.8	35.2	12	1	AB132254	Oligonucleotide pr	c2121	8.8	35.2	12	1	ABH77028	Oligonucleotide pr
c2049	8.8	35.2	12	1	AB108221	Oligonucleotide pr	c2122	8.8	35.2	12	1	ABH77774	Oligonucleotide pr
c2050	8.8	35.2	12	1	ABH84358	Oligonucleotide pr	c2123	8.8	35.2	12	1	AB103042	Oligonucleotide pr
c2051	8.8	35.2	12	1	AB135062	Oligonucleotide pr	c2124	8.8	35.2	12	1	AB130614	Oligonucleotide pr
c2052	8.8	35.2	12	1	AB136793	Oligonucleotide pr	c2125	8.8	35.2	12	1	ABH81089	Oligonucleotide pr
c2053	8.8	35.2	12	1	ABH87863	Oligonucleotide pr	c2126	8.8	35.2	12	1	ABH8132589	Oligonucleotide pr
c2054	8.8	35.2	12	1	AB138775	Oligonucleotide pr	c2127	8.8	35.2	12	1	ABH83866	Oligonucleotide pr
c2055	8.8	35.2	12	1	AB139248	Oligonucleotide pr	c2128	8.8	35.2	12	1	ABH83146	Oligonucleotide pr
c2056	8.8	35.2	12	1	AB115507	Oligonucleotide pr	c2129	8.8	35.2	12	1	ABH83517	Oligonucleotide pr
c2057	8.8	35.2	12	1	AB140834	Oligonucleotide pr	c2130	8.8	35.2	12	1	ABH83517	Oligonucleotide pr
c2058	8.8	35.2	12	1	AB140900	Oligonucleotide pr	c2131	8.8	35.2	12	1	ABH83653	Oligonucleotide pr
c2059	8.8	35.2	12	1	ABH91183	Oligonucleotide pr	c2132	8.8	35.2	12	1	ABH83866	Oligonucleotide pr
c2060	8.8	35.2	12	1	ABH91183	Oligonucleotide pr	c2133	8.8	35.2	12	1	ABH84723	Oligonucleotide pr
c2061	8.8	35.2	12	1	AB144920	Oligonucleotide pr	c2134	8.8	35.2	12	1	ABH87018	Oligonucleotide pr
c2062	8.8	35.2	12	1	AB146971	Oligonucleotide pr	c2135	8.8	35.2	12	1	AB113234	Oligonucleotide pr
c2063	8.8	35.2	12	1	AB149850	Oligonucleotide pr	c2136	8.8	35.2	12	1	AB138780	Oligonucleotide pr
c2064	8.8	35.2	12	1	AB154080	Oligonucleotide pr	c2137	8.8	35.2	12	1	AB140830	Oligonucleotide pr
c2065	8.8	35.2	12	1	AB156381	Oligonucleotide pr	c2138	8.8	35.2	12	1	AB147784	Oligonucleotide pr
c2066	8.8	35.2	12	1	AB157290	Oligonucleotide pr	c2139	8.8	35.2	12	1	AB147793	Oligonucleotide pr
c2067	8.8	35.2	12	1	AB157848	Oligonucleotide pr	c2140	8.8	35.2	12	1	AB149202	Oligonucleotide pr
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2448	8.8	35.2	12	1	ABI61938	Oligonucleotide pr
2449	8.8	35.2	12	1	ABI61938	Oligonucleotide pr
c2450	8.8	35.2	12	1	ABI76364	Oligonucleotide pr
2451	8.8	35.2	12	1	ABI76530	Oligonucleotide pr
c2452	8.8	35.2	12	1	ABI64397	Oligonucleotide pr
c2453	8.8	35.2	12	1	ABI78969	Oligonucleotide pr
c2454	8.8	35.2	12	1	ABI79938	Oligonucleotide pr
2455	8.8	35.2	12	1	ABH68749	Oligonucleotide pr
2456	8.8	35.2	12	1	ABH94925	Oligonucleotide pr
c2457	8.8	35.2	12	1	ABH70211	Oligonucleotide pr
2458	8.8	35.2	12	1	ABI20916	Oligonucleotide pr
2459	8.8	35.2	12	1	ABH98012	Oligonucleotide pr
c2460	8.8	35.2	12	1	ABH75375	Oligonucleotide pr
2461	8.8	35.2	12	1	ABI01366	Oligonucleotide pr
2462	8.8	35.2	12	1	ABI27362	Oligonucleotide pr
c2463	8.8	35.2	12	1	ABH77738	Oligonucleotide pr
c2464	8.8	35.2	12	1	ABH80509	Oligonucleotide pr
c2465	8.8	35.2	12	1	ABI30633	Oligonucleotide pr
c2466	8.8	35.2	12	1	ABI07506	Oligonucleotide pr
2467	8.8	35.2	12	1	ABH83061	Oligonucleotide pr
2468	8.8	35.2	12	1	ABI09136	Oligonucleotide pr
2469	8.8	35.2	12	1	ABI34342	Oligonucleotide pr
c2470	8.8	35.2	12	1	ABI34613	Oligonucleotide pr
2471	8.8	35.2	12	1	ABI35884	Oligonucleotide pr
2472	8.8	35.2	12	1	ABI11764	Oligonucleotide pr
c2473	8.8	35.2	12	1	ABI37003	Oligonucleotide pr
2474	8.8	35.2	12	1	ABI37762	Oligonucleotide pr
c2475	8.8	35.2	12	1	ABI38616	Oligonucleotide pr
2476	8.8	35.2	12	1	ABH91165	Oligonucleotide pr
c2477	8.8	35.2	12	1	ABH67115	Oligonucleotide pr
c2478	8.8	35.2	12	1	ABI44391	Oligonucleotide pr
2479	8.8	35.2	12	1	ABI46060	Oligonucleotide pr
2480	8.8	35.2	12	1	ABI47801	Oligonucleotide pr
c2481	8.8	35.2	12	1	ABI47999	Oligonucleotide pr
2482	8.8	35.2	12	1	ABI67916	Oligonucleotide pr
2483	8.8	35.2	12	1	ABI62969	Oligonucleotide pr
c2484	8.8	35.2	12	1	ABI77178	Oligonucleotide pr
c2485	8.8	35.2	12	1	ABH63909	Oligonucleotide pr
2486	8.8	35.2	12	1	ABI65455	Oligonucleotide pr
2487	8.8	35.2	12	1	ABI18345	Oligonucleotide pr
2488	8.8	35.2	12	1	ABH95387	Oligonucleotide pr
2489	8.8	35.2	12	1	ABH72353	Oligonucleotide pr
2490	8.8	35.2	12	1	ABH97511	Oligonucleotide pr
c2491	8.8	35.2	12	1	ABI23291	Oligonucleotide pr
c2492	8.8	35.2	12	1	ABH73474	Oligonucleotide pr
2493	8.8	35.2	12	1	ABI24452	Oligonucleotide pr
2494	8.8	35.2	12	1	ABI25934	Oligonucleotide pr
c2495	8.8	35.2	12	1	ABH77211	Oligonucleotide pr
2496	8.8	35.2	12	1	ABH80203	Oligonucleotide pr
c2497	8.8	35.2	12	1	ABH80289	Oligonucleotide pr
c2498	8.8	35.2	12	1	ABH80578	Oligonucleotide pr
c2499	8.8	35.2	12	1	ABH81312	Oligonucleotide pr
2500	8.8	35.2	12	1	ABI07005	Oligonucleotide pr
c2501	8.8	35.2	12	1	ABH82588	Oligonucleotide pr
2502	8.8	35.2	12	1	ABH83510	Oligonucleotide pr
2503	8.8	35.2	12	1	ABH85890	Oligonucleotide pr
2504	8.8	35.2	12	1	ABH86749	Oligonucleotide pr
2505	8.8	35.2	12	1	ABI39717	Oligonucleotide pr
c2506	8.8	35.2	12	1	ABH90522	Oligonucleotide pr
c2507	8.8	35.2	12	1	ABI16079	Oligonucleotide pr
2508	8.8	35.2	12	1	ABH92144	Oligonucleotide pr
2509	8.8	35.2	12	1	ABI44458	Oligonucleotide pr
2510	8.8	35.2	12	1	ABI46893	Oligonucleotide pr
2511	8.8	35.2	12	1	ABI67831	Oligonucleotide pr
2512	8.8	35.2	12	1	ABI54025	Oligonucleotide pr
2513	8.8	35.2	12	1	ABI68495	Oligonucleotide pr
c2514	8.8	35.2	12	1	ABI55216	Oligonucleotide pr
2515	8.8	35.2	12	1	ABI70927	Oligonucleotide pr
2516	8.8	35.2	12	1	ABI73713	Oligonucleotide pr
2517	8.8	35.2	12	1	ABI61769	Oligonucleotide pr
c2518	8.8	35.2	12	1	ABI64339	Oligonucleotide pr
2519	8.8	35.2	12	1	ABI65054	Oligonucleotide pr
2520	8.8	35.2	12	1	ABI80046	Oligonucleotide pr
2521	8.8	35.2	12	1	ABI81170	Oligonucleotide pr
2522	8.8	35.2	12	1	ABH93230	Oligonucleotide pr
2523	8.8	35.2	12	1	ABH68863	Oligonucleotide pr
c2524	8.8	35.2	12	1	ABI20209	Oligonucleotide pr
2525	8.8	35.2	12	1	ABI01407	Oligonucleotide pr
c2526	8.8	35.2	12	1	ABH76921	Oligonucleotide pr
2527	8.8	35.2	12	1	ABH77633	Oligonucleotide pr
2528	8.8	35.2	12	1	ABI28864	Oligonucleotide pr
c2529	8.8	35.2	12	1	ABI29287	Oligonucleotide pr
c2530	8.8	35.2	12	1	ABI32981	Oligonucleotide pr
2531	8.8	35.2	12	1	ABH83874	Oligonucleotide pr
c2532	8.8	35.2	12	1	ABI10762	Oligonucleotide pr
2533	8.8	35.2	12	1	ABI11303	Oligonucleotide pr
2534	8.8	35.2	12	1	ABI13245	Oligonucleotide pr
c2535	8.8	35.2	12	1	ABH80733	Oligonucleotide pr
c2536	8.8	35.2	12	1	ABI14888	Oligonucleotide pr
c2537	8.8	35.2	12	1	ABI40135	Oligonucleotide pr
2538	8.8	35.2	12	1	ABI15518	Oligonucleotide pr
2539	8.8	35.2	12	1	ABI15839	Oligonucleotide pr
c2540	8.8	35.2	12	1	ABI15839	Oligonucleotide pr
c2541	8.8	35.2	12	1	ABI15890	Oligonucleotide pr
2542	8.8	35.2	12	1	ABI41309	Oligonucleotide pr
c2543	8.8	35.2	12	1	ABI45878	Oligonucleotide pr
2544	8.8	35.2	12	1	ABI46864	Oligonucleotide pr
c2545	8.8	35.2	12	1	ABI51352	Oligonucleotide pr
c2546	8.8	35.2	12	1	ABI68631	Oligonucleotide pr
c2547	8.8	35.2	12	1	ABI69599	Oligonucleotide pr
c2548	8.8	35.2	12	1	ABI56375	Oligonucleotide pr
2549	8.8	35.2	12	1	ABI70954	Oligonucleotide pr
2550	8.8	35.2	12	1	ABI71095	Oligonucleotide pr
2551	8.8	35.2	12	1	ABI72351	Oligonucleotide pr
2552	8.8	35.2	12	1	ABI73980	Oligonucleotide pr
2553	8.8	35.2	12	1	ABI74957	Oligonucleotide pr
c2554	8.8	35.2	12	1	ABI61518	Oligonucleotide pr
2555	8.8	35.2	12	1	ABI57545	Oligonucleotide pr
c2556	8.8	35.2	12	1	ABI76657	Oligonucleotide pr
2557	8.8	35.2	12	1	ABI64220	Oligonucleotide pr
c2558	8.8	35.2	12	1	ABI64582	Oligonucleotide pr
2559	8.8	35.2	12	1	ABI79063	Oligonucleotide pr
c2560	8.8	35.2	12	1	ACD56710	HBV RT primer deco
c2561	8.8	35.2	12	1	ADM96281	Human Atp5f1 gene,
c2562	8.8	35.2	12	1	ADH70235	Human Vbeta gene r
c2563	8.8	35.2	13	1	ABH63547	Oligonucleotide SE
2564	8.8	35.2	13	1	ABH63546	Oligonucleotide SE
2565	8.8	35.2	13	1	ABF31705	Oligonucleotide SE
c2566	8.8	35.2	13	1	ABF31704	Oligonucleotide SE
c2567	8.8	35.2	13	1	ABH24485	Oligonucleotide SE
2568	8.8	35.2	13	1	ABF39979	Oligonucleotide SE
c2569	8.8	35.2	13	1	ABF39978	Oligonucleotide SE
2570	8.8	35.2	13	1	ABH24484	Oligonucleotide SE
c2571	8.8	35.2	13	1	ABC75459	Oligonucleotide SE
2572	8.8	35.2	13	1	ABC75458	Oligonucleotide SE
c2573	8.8	35.2	17	1	ABK55635	Human CcRai gene e
c2574	8.6	34.4	17	1	ABZ61179	Human K-Ras DNAMy
2575	8.4	33.6	10	1	AAZ778183	Human dendritic ce
c2576	8.4	33.6	10	1	AAZ77632	Human dendritic ce
2577	8.4	33.6	10	1	AAZ85199	Metastatic breast
2578	8.4	33.6	10	1	AAZ83552	Metastatic breast
2579	8.4	33.6	10	1	AAZ86424	Metastatic breast
2580	8.4	33.6	10	1	AAAD00378	Mutated intronic C
2581	8.4	33.6	10	1	AAF60577	Oligonucleotide #1
c2582	8.4	33.6	10	1	AAF76442	Paired-type homeod
2583	8.4	33.6	10	1	AAF76440	Paired-type homeod
c2584	8.4	33.6	10	1	AAF37288	Yeast NORF gene SA
2585	8.4	33.6	10	1	AAF41779	Yeast NORF gene SA
c2586	8.4	33.6	10	1	AAF38106	Yeast NORF gene SA
c2587	8.4	33.6	10	1	AAF40031	Yeast NORF gene SA
c2588	8.4	33.6	10	1	AAF38279	Yeast NORF gene SA

2589	8.4	33.6	10	1	AAF38667	Yeast NORF gene SA	2662	8.4	33.6	12	1	ABH73059	Oligonucleotide pr
2590	8.4	33.6	10	1	AAF37039	Yeast NORF gene SA	2663	8.4	33.6	12	1	ABH74058	Oligonucleotide pr
2591	8.4	33.6	10	1	AAF38212	Yeast NORF gene SA	2664	8.4	33.6	12	1	ABH74315	Oligonucleotide pr
C2592	8.4	33.6	10	1	AAF40287	Yeast NORF gene SA	C2665	8.4	33.6	12	1	ABH75981	Oligonucleotide pr
2593	8.4	33.6	10	1	AAF35308	Yeast NORF gene SA	2666	8.4	33.6	12	1	ABH76644	Oligonucleotide pr
C2594	8.4	33.6	10	1	AAF34961	Yeast NORF gene SA	2667	8.4	33.6	12	1	ABH77745	Oligonucleotide pr
2595	8.4	33.6	10	1	AAF41189	Yeast NORF gene SA	C2668	8.4	33.6	12	1	ABH77745	Oligonucleotide pr
2596	8.4	33.6	10	1	AAF38012	Yeast NORF gene SA	C2669	8.4	33.6	12	1	ABH77745	Oligonucleotide pr
C2597	8.4	33.6	10	1	AAF40262	Yeast NORF gene SA	C2670	8.4	33.6	12	1	ABH77745	Oligonucleotide pr
2598	8.4	33.6	10	1	AAF41659	Yeast NORF gene SA	2671	8.4	33.6	12	1	ABH79720	Oligonucleotide pr
2599	8.4	33.6	10	1	AAF37603	Yeast NORF gene SA	C2672	8.4	33.6	12	1	ABH79720	Oligonucleotide pr
C2600	8.4	33.6	10	1	AAF33570	Yeast NORF gene SA	2673	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2601	8.4	33.6	10	1	AAF37220	Yeast NORF gene SA	2674	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2602	8.4	33.6	10	1	AAF39537	Yeast NORF gene SA	C2675	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2603	8.4	33.6	10	1	AAF40291	Yeast NORF gene SA	2676	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2604	8.4	33.6	10	1	AAF34992	Yeast NORF gene SA	C2677	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2605	8.4	33.6	10	1	AAF37036	Yeast NORF gene SA	2678	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2606	8.4	33.6	10	1	AAF39891	Yeast NORF gene SA	C2679	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2607	8.4	33.6	10	1	AAF40405	Yeast NORF gene SA	C2680	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2608	8.4	33.6	10	1	ABH52315	Human CCR6 preferr	2681	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2609	8.4	33.6	10	1	ABK47365	Human Angiotensin	C2682	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2610	8.4	33.6	10	1	ADH14301	Optineurin promote	2683	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2611	8.4	33.6	11	1	ABF76418	Pax-6 p3 binding s	2684	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2612	8.4	33.6	11	1	ABQ87415	Human skin stress/	2685	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2613	8.4	33.6	11	1	ABQ87415	Human skin stress/	2686	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2614	8.4	33.6	11	1	ABQ87415	Human skin stress/	C2687	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2615	8.4	33.6	11	1	ABV69478	Human skin EST 726	2688	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2616	8.4	33.6	11	1	ABV66841	Human skin EST 462	C2689	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2616	8.4	33.6	11	1	ABV69895	Human skin EST 768	C2690	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2617	8.4	33.6	11	1	ABV65971	Human skin EST 375	2691	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2618	8.4	33.6	11	1	ABV64300	Human skin EST 208	C2692	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2619	8.4	33.6	11	1	ABV71721	Human skin EST 950	2693	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2620	8.4	33.6	11	1	ABV64929	Human skin EST 271	C2694	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2621	8.4	33.6	11	1	ABV65050	Human skin EST 283	2695	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2622	8.4	33.6	11	1	ABV62474	Human skin EST 260	C2696	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2623	8.4	33.6	11	1	ABK99452	Human CYP3A5 gene	2697	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2624	8.4	33.6	11	1	ACD27895	DNA sequence #2 re	2698	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2625	8.4	33.6	11	1	ADQ35571	Human hair-bearing	C2699	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2626	8.4	33.6	11	1	ADQ36435	Human hair-bearing	2700	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2627	8.4	33.6	11	1	ADQ32686	Human facial skin-	2701	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2628	8.4	33.6	11	1	ADQ31946	Human facial skin-	C2702	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2629	8.4	33.6	11	1	ADQ32367	Human facial skin-	2703	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2630	8.4	33.6	11	1	ADQ32991	Human facial skin-	C2704	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2631	8.4	33.6	11	1	ADQ32836	Human facial skin-	2705	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2632	8.4	33.6	12	1	ABH104049	Oligonucleotide pr	2706	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2633	8.4	33.6	12	1	ABH158152	Oligonucleotide pr	C2707	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2634	8.4	33.6	12	1	ABH128163	Oligonucleotide pr	2708	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2635	8.4	33.6	12	1	ABH161699	Oligonucleotide pr	C2709	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2636	8.4	33.6	12	1	ABH156451	Oligonucleotide pr	C2710	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2637	8.4	33.6	12	1	ABH136466	Oligonucleotide pr	C2711	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2638	8.4	33.6	12	1	ABH83649	Oligonucleotide pr	C2712	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2639	8.4	33.6	12	1	ABH112402	Oligonucleotide pr	2713	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2640	8.4	33.6	12	1	ABH84256	Oligonucleotide pr	C2714	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2641	8.4	33.6	12	1	ABH70417	Oligonucleotide pr	2715	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2642	8.4	33.6	12	1	ABH134421	Oligonucleotide pr	C2716	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2643	8.4	33.6	12	1	ABH157848	Oligonucleotide pr	2717	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2644	8.4	33.6	12	1	ABH74002	Oligonucleotide pr	C2718	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2645	8.4	33.6	12	1	ABH117287	Oligonucleotide pr	2719	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2646	8.4	33.6	12	1	ABH84257	Oligonucleotide pr	C2720	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2647	8.4	33.6	12	1	ABH75790	Oligonucleotide pr	C2721	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2648	8.4	33.6	12	1	ABH107455	Oligonucleotide pr	2722	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2649	8.4	33.6	12	1	ABH176685	Oligonucleotide pr	C2723	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2650	8.4	33.6	12	1	ABH159902	Oligonucleotide pr	2724	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2651	8.4	33.6	12	1	ABH75910	Oligonucleotide pr	C2725	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2652	8.4	33.6	12	1	ABH72353	Oligonucleotide pr	2726	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2653	8.4	33.6	12	1	ABH97511	Oligonucleotide pr	C2727	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2654	8.4	33.6	12	1	AAQ22817	Random oligonucleo	C2728	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2655	8.4	33.6	12	1	AAQ22818	Random oligonucleo	2729	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2656	8.4	33.6	12	1	AAV48528	p53 gene antisense	2730	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2657	8.4	33.6	12	1	AAV48526	p53 gene antisense	C2731	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
2658	8.4	33.6	12	1	ABH67622	Oligonucleotide pr	C2732	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2659	8.4	33.6	12	1	ABH18450	Oligonucleotide pr	2733	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2660	8.4	33.6	12	1	ABH96303	Oligonucleotide pr	2734	8.4	33.6	12	1	ABH82256	Oligonucleotide pr
C2661	8.4	33.6	12	1	ABH72800	Oligonucleotide pr							

2735	8.4	33.6	12	1	ABH90783	Oligonucleotide pr
2736	8.4	33.6	12	1	AB143372	Oligonucleotide pr
2737	8.4	33.6	12	1	AB142776	Oligonucleotide pr
2738	8.4	33.6	12	1	AB142851	Oligonucleotide pr
2739	8.4	33.6	12	1	AB145534	Oligonucleotide pr
2740	8.4	33.6	12	1	AB147075	Oligonucleotide pr
2741	8.4	33.6	12	1	AB149195	Oligonucleotide pr
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## ALIGNMENTS

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c 107	7.4	37.0	10	1	US-08-388-353-611	Sequence 611, App
c 108	7.4	37.0	10	1	US-08-388-353-612	Sequence 612, App
c 109	7.4	37.0	10	1	US-08-388-357-49	Sequence 49, Appl
c 110	7.4	37.0	10	1	US-08-488-551B-189	Sequence 189, App
c 111	7.4	37.0	10	1	US-08-488-551B-190	Sequence 190, App
c 112	7.4	37.0	10	1	US-08-488-551B-357	Sequence 357, App
c 113	7.4	37.0	10	1	US-08-488-551B-359	Sequence 359, App
c 114	7.4	37.0	10	1	US-08-488-551B-601	Sequence 601, App
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c 126	7.4	37.0	10	1	US-09-884-383-7	Sequence 7, Appli
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c 133	7	35.0	10	1	US-08-173-489C-102	Sequence 102, App

## ALIGNMENTS

RESULT 1  
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; Sequence 1, Application US/08049264C  
; Patent No. 5518901  
; GENERAL INFORMATION:  
; APPLICANT: Murtagh, James J.  
; TITLE OF INVENTION: METHODS FOR NUCLEIC ACID DETECTION,  
; TITLE OF INVENTION: SEQUENCING AND CLONING USING EXONUCLEASE  
; NUMBER OF SEQUENCES: 75  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: NEEDLE & ROSENBERG, P. C.  
; STREET: Suite 1200, The Candler Bldg., 127  
; STREET: Peachtree Street N.E.  
; CITY: Atlanta  
; STATE: Georgia

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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 15:09:07 ; Search time 1 Seconds  
(without alignments)  
0.238 Million cell updates/sec

Title: us-10-088-666-74

Perfect score: 20

Sequence: 1 gaggaagaagtctcttat 20

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 0.5

Searched: 483 seqs, 5949 residues

Total number of hits satisfying chosen parameters: 966

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 483 summaries

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SUMMARIES

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C 162	9.4	47.0	13	1	US-10-257-017B-102818	Sequence 102818, A	C 235	9	45.0	12	1	US-10-096-534-72	Sequence 72, Appl
C 163	9.4	47.0	13	1	US-10-257-017B-104889	Sequence 104889, A	C 236	9	45.0	12	1	US-10-180-237-4	Sequence 4, Appl
C 164	9.4	47.0	13	1	US-10-257-017B-104890	Sequence 104890, A	C 237	9	45.0	12	1	US-10-453-264-17	Sequence 17, Appl
C 165	9.4	47.0	13	1	US-10-257-017B-109951	Sequence 109951, A	C 238	9	45.0	12	1	US-10-311-795-20	Sequence 20, Appl
C 166	9.4	47.0	13	1	US-10-257-017B-109952	Sequence 109952, A	C 239	9	45.0	12	1	US-10-619-141-12	Sequence 12, Appl
C 167	9.4	47.0	13	1	US-10-257-017B-117427	Sequence 117427, A	C 240	9	45.0	12	1	US-10-627-273-6	Sequence 6, Appl
C 168	9.4	47.0	13	1	US-10-257-017B-117428	Sequence 117428, A	C 241	9	45.0	12	1	US-10-257-017B-268731	Sequence 268731,
C 169	9.4	47.0	13	1	US-10-257-017B-120689	Sequence 120689, A	C 242	9	45.0	12	1	US-10-257-017B-272271	Sequence 272271,
C 170	9.4	47.0	13	1	US-10-257-017B-120690	Sequence 120690, A	C 243	9	45.0	12	1	US-10-257-017B-272272	Sequence 272272,
C 171	9.4	47.0	13	1	US-10-257-017B-127005	Sequence 127005, A	C 244	9	45.0	12	1	US-10-257-017B-273629	Sequence 273629,
C 172	9.4	47.0	13	1	US-10-257-017B-127006	Sequence 127006, A	C 245	9	45.0	12	1	US-10-257-017B-275612	Sequence 275612,
C 173	9.4	47.0	13	1	US-10-257-017B-133891	Sequence 133891, A	C 246	9	45.0	12	1	US-10-257-017B-279321	Sequence 279321,
C 174	9.4	47.0	13	1	US-10-257-017B-133892	Sequence 133892, A	C 247	9	45.0	12	1	US-10-257-017B-283273	Sequence 283273,
C 175	9.4	47.0	13	1	US-10-257-017B-133893	Sequence 133893, A	C 248	9	45.0	12	1	US-10-257-017B-290889	Sequence 290889,
C 176	9.4	47.0	13	1	US-10-257-017B-133894	Sequence 133894, A	C 249	9	45.0	12	1	US-10-257-017B-293345	Sequence 293345,
C 177	9.4	47.0	13	1	US-10-257-017B-147575	Sequence 147575, A	C 250	9	45.0	12	1	US-10-257-017B-297803	Sequence 297803,
C 178	9.4	47.0	13	1	US-10-257-017B-147576	Sequence 147576, A	C 251	9	45.0	12	1	US-10-257-017B-299023	Sequence 299023,
C 179	9.4	47.0	13	1	US-10-257-017B-151295	Sequence 151295,	C 252	9	45.0	12	1	US-10-257-017B-299024	Sequence 299024,



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C 254	9	45.0	12	1	US-10-257-017B-302539	Sequence 302539,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 255	9	45.0	12	1	US-10-257-017B-303189	Sequence 303189,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 262	9	45.0	12	1	US-10-257-017B-324666	Sequence 324666,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 263	9	45.0	12	1	US-10-257-017B-329705	Sequence 329705,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 264	9	45.0	12	1	US-10-257-017B-330585	Sequence 330585,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 265	9	45.0	12	1	US-10-257-017B-336499	Sequence 336499,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 266	9	45.0	12	1	US-10-257-017B-340760	Sequence 340760,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 267	9	45.0	12	1	US-10-257-017B-340827	Sequence 340827,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 268	9	45.0	12	1	US-10-257-017B-341613	Sequence 341613,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 269	9	45.0	12	1	US-10-257-017B-346185	Sequence 346185,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 270	9	45.0	12	1	US-10-257-017B-348969	Sequence 348969,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 271	9	45.0	12	1	US-10-257-017B-350074	Sequence 350074,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 272	9	45.0	12	1	US-10-257-017B-350765	Sequence 350765,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 273	9	45.0	12	1	US-10-257-017B-355011	Sequence 355011,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 274	9	45.0	12	1	US-10-257-017B-358530	Sequence 358530,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 276	9	45.0	12	1	US-10-257-017B-362486	Sequence 362486,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 279	9	45.0	12	1	US-10-257-017B-366640	Sequence 366640,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 284	9	45.0	12	1	US-10-257-017B-372303	Sequence 372303,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 285	9	45.0	12	1	US-10-257-017B-376195	Sequence 376195,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
C 286	9	45.0	12	1	US-10-257-017B-381292	Sequence 381292,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 289	8	44.0	12	1	US-10-257-017B-272917	Sequence 272917,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	8.8	44.0	12	1	US-10-257-017B-373028	Sequence 373028,	328551
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C 401	8.4	42.0	12	1	US-10-257-017B-302127	Sequence 302127,	C 474	8.4	42.0	12	1	US-10-257-017B-369447,
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C 410	8.4	42.0	12	1	US-10-257-017B-306216	Sequence 306216,	483	8.4	42.0	12	1	US-10-857-673-32
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C 413	8.4	42.0	12	1	US-10-257-017B-309326	Sequence 309326,						
C 414	8.4	42.0	12	1	US-10-257-017B-311363	Sequence 311363,						
C 415	8.4	42.0	12	1	US-10-257-017B-313100	Sequence 313100,						
C 416	8.4	42.0	12	1	US-10-257-017B-314428	Sequence 314428,						
C 417	8.4	42.0	12	1	US-10-257-017B-315191	Sequence 315191,						
C 418	8.4	42.0	12	1	US-10-257-017B-316922	Sequence 316922,						
C 419	8.4	42.0	12	1	US-10-257-017B-319072	Sequence 319072,						
C 420	8.4	42.0	12	1	US-10-257-017B-319362	Sequence 319362,						
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C 422	8.4	42.0	12	1	US-10-257-017B-321503	Sequence 321503,						
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C 424	8.4	42.0	12	1	US-10-257-017B-323862	Sequence 323862,						
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C 426	8.4	42.0	12	1	US-10-257-017B-324911	Sequence 324911,						
C 427	8.4	42.0	12	1	US-10-257-017B-325121	Sequence 325121,						
C 428	8.4	42.0	12	1	US-10-257-017B-327330	Sequence 327330,						
C 429	8.4	42.0	12	1	US-10-257-017B-328698	Sequence 328698,						
C 430	8.4	42.0	12	1	US-10-257-017B-329005	Sequence 329005,						
C 431	8.4	42.0	12	1	US-10-257-017B-329017	Sequence 329017,						
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C 433	8.4	42.0	12	1	US-10-257-017B-331173	Sequence 331173,						
C 434	8.4	42.0	12	1	US-10-257-017B-332152	Sequence 332152,						
C 435	8.4	42.0	12	1	US-10-257-017B-332423	Sequence 332423,						
C 436	8.4	42.0	12	1	US-10-257-017B-333097	Sequence 333097,						
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C 439	8.4	42.0	12	1	US-10-257-017B-335577	Sequence 335577,						
C 440	8.4	42.0	12	1	US-10-257-017B-336152	Sequence 336152,						
C 441	8.4	42.0	12	1	US-10-257-017B-338395	Sequence 338395,						
C 442	8.4	42.0	12	1	US-10-257-017B-340201	Sequence 340201,						
C 443	8.4	42.0	12	1	US-10-257-017B-342325	Sequence 342325,						
C 444	8.4	42.0	12	1	US-10-257-017B-346220	Sequence 346220,						
C 445	8.4	42.0	12	1	US-10-257-017B-346368	Sequence 346368,						
C 446	8.4	42.0	12	1	US-10-257-017B-347976	Sequence 347976,						
C 447	8.4	42.0	12	1	US-10-257-017B-348226	Sequence 348226,						
C 448	8.4	42.0	12	1	US-10-257-017B-349343	Sequence 349343,						
C 449	8.4	42.0	12	1	US-10-257-017B-351805	Sequence 351805,						
C 450	8.4	42.0	12	1	US-10-257-017B-351922	Sequence 351922,						
C 451	8.4	42.0	12	1	US-10-257-017B-353857	Sequence 353857,						
C 452	8.4	42.0	12	1	US-10-257-017B-354238	Sequence 354238,						
C 453	8.4	42.0	12	1	US-10-257-017B-356355	Sequence 356355,						
C 454	8.4	42.0	12	1	US-10-257-017B-357124	Sequence 357124,						
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C 456	8.4	42.0	12	1	US-10-257-017B-358323	Sequence 358323,						
C 457	8.4	42.0	12	1	US-10-257-017B-358994	Sequence 358994,						
C 458	8.4	42.0	12	1	US-10-257-017B-359074	Sequence 359074,						
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C 461	8.4	42.0	12	1	US-10-257-017B-360894	Sequence 360894,						
C 462	8.4	42.0	12	1	US-10-257-017B-360963	Sequence 360963,						
C 463	8.4	42.0	12	1	US-10-257-017B-360977	Sequence 360977,						
C 464	8.4	42.0	12	1	US-10-257-017B-361162	Sequence 361162,						
C 465	8.4	42.0	12	1	US-10-257-017B-362600	Sequence 362600,						
C 466	8.4	42.0	12	1	US-10-257-017B-363245	Sequence 363245,						
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C 468	8.4	42.0	12	1	US-10-257-017B-365036	Sequence 365036,						
C 469	8.4	42.0	12	1	US-10-257-017B-365564	Sequence 365564,						
C 470	8.4	42.0	12	1	US-10-257-017B-365877	Sequence 365877,						
C 471	8.4	42.0	12	1	US-10-257-017B-366106	Sequence 366106,						

## ALIGNMENTS

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: April 4, 2005, 15:10:44 ; Search time 0.001 Seconds  
(without alignments)  
287.200 Million cell updates/sec

Title: us-10-088-666-74

Perfect score: 20

Sequence: 1 gagggagaagtctcttat 20

Scoring table: IDENTITY NUC

Gapop 10\_0 , Gapext 0.5

Searched: 590 segs, 7180 residues

Total number of hits satisfying chosen parameters: 1180

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 594 summaries

Database : 74rngdb.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	20	100.0	20	1	AAPE1639
2	13.8	69.0	18	1	ADN35815
3	13.4	67.0	19	1	ADF54138
4	13.4	67.0	19	1	ADF54474
5	12.4	62.0	17	1	ADL48436
6	12.4	62.0	17	1	ADL48127
7	12	60.0	13	1	ABC12605
8	12	60.0	13	1	ABC12605
9	12	60.0	13	1	ABC72541
10	12	60.0	13	1	ABC12604
11	12	60.0	17	1	ACC63310
12	11	55.0	12	1	AB154535
13	11	55.0	12	1	AB138973
14	11	55.0	12	1	AB167433
15	11	55.0	13	1	ABH31006
16	11	55.0	13	1	ABF27011
17	11	55.0	13	1	ABF98698
18	11	55.0	13	1	ABH52548
19	11	55.0	13	1	ABF98699
20	11	55.0	13	1	ABH52549
21	11	55.0	13	1	ABH40383
22	11	55.0	13	1	ABH40382
23	11	55.0	13	1	ABF27010
24	11	55.0	13	1	ABH31007
25	10.8	54.0	15	1	AA935133
26	10.8	54.0	15	1	AA935137
27	10.8	54.0	15	1	AA935788
28	10.6	53.0	13	1	ABH20181
29	10.6	53.0	13	1	ABH20180
30	10.4	52.0	12	1	AB118276
31	10.4	52.0	12	1	ABH68729
32	10.4	52.0	12	1	ABH71302
33	10.4	52.0	13	1	ABF95331

34	10.4	52.0	13	1	ABC12602	Oligonucleotide SE
35	10.4	52.0	13	1	ABH63585	Oligonucleotide SE
36	10.4	52.0	13	1	ABF42152	Oligonucleotide SE
37	10.4	52.0	13	1	ABF85330	Oligonucleotide SE
38	10.4	52.0	13	1	ABC80091	Oligonucleotide SE
39	10.4	52.0	13	1	ABF65801	Oligonucleotide SE
40	10.4	52.0	13	1	ABH63584	Oligonucleotide SE
41	10.4	52.0	13	1	ABF65800	Oligonucleotide SE
42	10.4	52.0	13	1	ABC12603	Oligonucleotide SE
43	10.4	52.0	13	1	ABF42153	Oligonucleotide SE
44	10.4	52.0	13	1	ABC72539	Oligonucleotide SE
45	10.4	52.0	13	1	ABC38342	Oligonucleotide SE
46	10.4	52.0	13	1	ABC38343	Oligonucleotide SE
47	10.4	52.0	13	1	ABC80090	Oligonucleotide SE
48	10.4	52.0	13	1	ABF03480	Oligonucleotide SE
49	10.4	52.0	13	1	ABF03481	Oligonucleotide SE
50	10.4	52.0	13	1	ABC72538	Oligonucleotide SE
51	10	50.0	10	1	AAZ85670	Metastatic breast
52	10	50.0	11	1	ABV65508	Human skin EST 329
53	10	50.0	11	1	ABK99396	Human CYP3A5 gene
54	10	50.0	12	1	AB174815	Oligonucleotide pr
55	10	50.0	12	1	AB160769	Oligonucleotide pr
56	10	50.0	12	1	ABH76393	Oligonucleotide pr
57	10	50.0	12	1	AB166319	Oligonucleotide pr
58	10	50.0	12	1	AB110880	Oligonucleotide pr
59	10	50.0	12	1	AB179928	Oligonucleotide pr
60	10	50.0	12	1	AB123685	Oligonucleotide pr
61	10	50.0	12	1	ABX03863	DNA encoding sece
62	10	50.0	13	1	AAFS8003	Nucleic acid tripl
63	10	50.0	13	1	AAFS8005	Oligonucleotide SE
64	10	50.0	13	1	ABF27044	Oligonucleotide SE
65	10	50.0	13	1	ABF77061	Oligonucleotide SE
66	10	50.0	13	1	ABF80348	Oligonucleotide SE
67	10	50.0	13	1	ABF27045	Oligonucleotide SE
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69	10	50.0	13	1	ABF12399	Oligonucleotide SE
70	10	50.0	13	1	ABF12398	Oligonucleotide SE
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79	9.8	49.0	13	1	ABC42153	Oligonucleotide SE
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82	9.8	49.0	13	1	ABH30286	Oligonucleotide SE
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85	9.8	49.0	13	1	ABH30290	Oligonucleotide SE
86	9.8	49.0	13	1	ABC72757	Oligonucleotide SE
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88	9.8	49.0	13	1	ABF05284	Oligonucleotide SE
89	9.8	49.0	13	1	ABC54292	Oligonucleotide SE
90	9.8	49.0	13	1	ABC81157	Oligonucleotide SE
91	9.8	49.0	13	1	ABC42152	Oligonucleotide SE
92	9.8	49.0	13	1	ABF79332	Oligonucleotide SE
93	9.8	49.0	13	1	ABC81159	Oligonucleotide SE
94	9.8	49.0	13	1	ABC54293	Oligonucleotide SE
95	9.8	49.0	13	1	ABF79333	Oligonucleotide SE
96	9.6	48.0	13	1	ABF60699	Oligonucleotide SE
97	9.6	48.0	13	1	ABF60698	Oligonucleotide SE
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99	9.4	47.0	11	1	ABV67943	Human skin EST 572
100	9.4	47.0	11	1	ADN14387	Pyrimidine nucleot
101	9.4	47.0	11	1	ADQ32878	Human facial skin-
102	9.4	47.0	11	1	ADQ32399	Human facial skin-
103	9.4	47.0	12	1	AAQ78521	Forward zipper. S
104	9.4	47.0	12	1	AAH80828	Gene specific zipp
105	9.4	47.0	12	1	ABH96563	Oligonucleotide pr
106	9.4	47.0	12	1	ABH99914	Oligonucleotide pr



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C 255	9	45.0	11	1	ABV68365	Human skin EST 615
C 256	9	45.0	11	1	ADA22021	HGF aptamers-assoc
C 257	9	45.0	11	1	ADQ30008	Rat VR1 exon id tr
C 258	9	45.0	11	1	ADQ35631	Human hair-bearing
C 259	9	45.0	11	1	ADQ33603	Human facial skin-
C 260	9	45.0	11	1	ADQ32197	Human facial skin-
C 261	9	45.0	12	1	AAQ65643	Primer/adaptor use
C 262	9	45.0	12	1	AAT00035	HGBV DNA PCR prime
C 263	9	45.0	12	1	AAT13200	Primer N Bgl 12 us
C 264	9	45.0	12	1	AAV7829	Representational d
C 265	9	45.0	12	1	AAV58766	Oligonucleotide NB
C 266	9	45.0	12	1	AAV21385	Primer N-Bgl-12 fo
C 267	9	45.0	12	1	AAV37659	Representational d
C 268	9	45.0	12	1	AAZ24706	Adaptor sequence r
C 269	9	45.0	12	1	AAZ36288	Oligonucleotide pr
C 270	9	45.0	12	1	AAZ35371	RDA oligonucleotid
C 271	9	45.0	12	1	AAZ88526	Murine Ha3 gene pr
C 272	9	45.0	12	1	AAZ55273	N Bgl 12 PCR prime
C 273	9	45.0	12	1	AAZ36632	PCR primer N-Bgl-1
C 274	9	45.0	12	1	AAZ28824	Oligo for subtrac
C 275	9	45.0	12	1	AAF24050	RDA primer N Bgl12
C 276	9	45.0	12	1	AAO6786	N-Bgl-12 adaptor u
C 277	9	45.0	12	1	AB102566	Oligonucleotide pr
C 278	9	45.0	12	1	AB140787	Oligonucleotide pr
C 279	9	45.0	12	1	AB136526	Oligonucleotide pr
C 280	9	45.0	12	1	AB150792	Oligonucleotide pr
C 281	9	45.0	12	1	AB171766	Oligonucleotide pr
C 282	9	45.0	12	1	AB158557	Oligonucleotide pr
C 283	9	45.0	12	1	AB114599	Oligonucleotide pr
C 284	9	45.0	12	1	ABH75621	Oligonucleotide pr
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C 311	9	45.0	12	1	AB168072	Oligonucleotide pr
C 312	9	45.0	12	1	AB162514	Oligonucleotide pr
C 313	9	45.0	12	1	AB140854	Oligonucleotide pr
C 314	9	45.0	12	1	ABH73644	Oligonucleotide pr
C 315	9	45.0	12	1	AB103216	Oligonucleotide pr
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C 317	9	45.0	12	1	AB176222	Oligonucleotide pr
C 318	9	45.0	12	1	AB162513	Oligonucleotide pr
C 319	9	45.0	12	1	AB129732	Oligonucleotide pr
C 320	9	45.0	12	1	ABH83280	Oligonucleotide pr
C 321	9	45.0	12	1	ABH90896	Oligonucleotide pr
C 322	9	45.0	12	1	AB181319	Oligonucleotide pr
C 323	9	45.0	12	1	AA168209	Human osteoclast e
C 324	9	45.0	12	1	AAS17930	Representational d
C 325	9	45.0	12	1	AAD30626	PCR primer #6 used

12	1	ABK47769	Human inflammation
12	1	AAL47924	Human chondrocyte
12	1	AAS17618	Mouse G protein-co
12	1	AAD23999	Adaptor #6 used in
12	1	AAT72945	Primer N Bgl112, s
12	1	ABX04212	Representational d
12	1	AAD29770	PCR primer used in
12	1	AAD27132	Oligo #6 to clone
12	1	AAL41517	Oligonucleotide in
12	1	ADJ63778	Human G protein-co
12	1	ADX93693	N-Bgl adaptor olig
12	1	ADF28994	Human G protein-co
12	1	ADG18041	MAGE-C2 gene-relat
12	1	ADH54856	Insulinoma represe
12	1	ADM33163	DNA adaptor #3. S
12	1	ADF08467	Subacute transmiss
12	1	ADP79396	Adapter N-Bgl-12.
12	1	ADP84648	Mouse oligo #6 use
12	1	ABH81745	Oligonucleotide pr
12	1	AB116016	Oligonucleotide pr
12	1	AB170733	Oligonucleotide pr
12	1	AB171897	Oligonucleotide pr
12	1	ABH72932	Oligonucleotide pr
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12	1	AB167968	Oligonucleotide pr
12	1	AB156349	Oligonucleotide pr
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12	1	AB112019	Oligonucleotide pr



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C 549	8.4	42.0	12	1	ABI162627	Oligonucleotide pr
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C 564	8.4	42.0	12	1	ABI158350	Oligonucleotide pr
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580	8.4	42.0	12	1	ABH85566	Oligonucleotide pr
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582	8.4	42.0	12	1	ABI148003	Oligonucleotide pr
583	8.4	42.0	12	1	ABI151949	Oligonucleotide pr
C 584	8.4	42.0	12	1	ABI159101	Oligonucleotide pr
585	8.4	42.0	12	1	ABI160921	Oligonucleotide pr
C 586	8.4	42.0	12	1	ABI176547	Oligonucleotide pr
C 587	8.4	42.0	12	1	ABI177216	Oligonucleotide pr
588	8.4	42.0	12	1	ABX79693	EST polymorphic DN
589	8.4	42.0	12	1	ADP03151	Synthetic pH indic
590	8.4	42.0	12	1	AD058668	Immunomer #57. Sy
C 591	7.8	39.0	11	1	ADQ33603	Human facial skin-
C 592	7.8	39.0	15	1	AA951133	Allele specific pr
593	7.4	37.0	10	1	AAF38534	Yeast NORF gene SA
C 594	7.4	37.0	10	1	AAF36592	Yeast NORF gene SA

## ALIGNMENTS

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